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The Burning of Wood and Plastic Cribs in an Enclosure: Volume II

James G. Quintiere, Bernard J. McCaffrey and Margaret Harkleroad

Center for Fire Research
National Engineering Laboratory
National Bureau of Standards
U.S. Department of Commerce
Washington, DC 20234

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Final Report

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U.S. DEPARTMENT OF COMMERCE, Philip M. Klutznick, *Secretary*
Jordan J. Baruch, *Assistant Secretary for Productivity, Technology, and Innovation*
NATIONAL BUREAU OF STANDARDS, Ernest Ambler, *Director*

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THE BURNING OF WOOD AND PLASTIC CRIBS IN AN ENCLOSURE: VOLUME II

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1. INTRODUCTION

This is a summary and compilation of the room fire data referenced in "The Burning of Wood and Plastic Cribs in an Enclosure: Volume I". A complete set of the transient raw data in the format given in table 1 is available on a 9-track, 1600 BPI, 132 character record, ASCII format magnetic tape. A printed listing of the data is tabulated in appendix B.

Section 2.3 of volume I [1][1] gives a detailed description of the instrumentation. Here we include table 2 which describes the type of instrumentation and table 3 which indicates the symbol and letter key use to designate the sensor. Accordingly, the sensor locations are shown in figures 1-1 and 1-2.

Typical of room fire experiments, an immoderate amount of data was collected. For the most part, we have chosen to examine the quasi-steady results during the peak burning period. These results have been thoroughly discussed in volume I [1], and are presented here again in table 4 for convenience. Since the general transient aspects of the experiments may be of interest, these results are presented in the following sections. The order of presentation for each parameter will follow the sequence given in table 4; however, the first experiment (PRC 0) was not included.

---

[1] Numbers in brackets refer to the literature references listed at the end of this report.

Table 1. Sequence of room fire experiments

Date	Exp. No. PRC	Fuel W-Sugar Pine P-Polyurethane	No. of Cribs	Doorway Width Factor 1 = 0.79 1/2 = 0.39m 1/4 = 0.19m	Filter Paper Target 0-no effect 1-charred 2-consumed	Comments
3-07-77	0	W	1	1	0	Shakedown
3-11-77	1	P	1	1	0	
3-15-77	2	W	3	1	0	
3-17-77	3	W	1	1	0	
3-17-77	4	P	2	1	0	
3-22-77	5	W	2	1	0	Slow crib ignition
3-22-77	6	P	3	1	2	Walls & ceiling cracked
3-24-77	7	W	4	1	1	
3-25-77	8	P	4	1	2	
4-21-77	9	W	2	1/2	0	Wall & ceiling replaced
4-22-77	10	P	2	1/2	1-	T23 shorted
4-27-77	11	W	3	1/2	0	
4-30-77	12	P	1	1/4	0	
5-04-77	13	W	2	1/4	0	
5-04-77	14	P	2	1/4	1	Initial ceiling temp. 50°C
5-06-77	15	W	4	1/2	1	Possible load cell problem
5-06-77	16	P	3	1/4	2	Possible load cell problem
5-11-77	17	W	4	1/4	1+	Possible load cell problem
5-11-77	18	P	3	1/2	2	Possible load cell problem
5-26-77	19	W	4	1/4	1+	Repeat of PRC 17
5-26-77	20	P	3	1/4	2	Repeat of PRC 16

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Table 2. Type of instrumentation

Measurement	Label	Symbol	Probes	Description
Temperature	T	△	T1-T27,29,30	Chromel alumel thermocouple (~0.5 mm bead diam. generally)
Temperature	T	△	T28	Aspirated thermocouple probe (United Sensor)
Total heat flux	H	□	H1,2	Thermopile-type water cooled with 0.98 absorptivity sensing face (Medtherm)
Radiative flux	R	□	R1,2	Thermopile-type water cooled with (Kodak) ITRAN 2 window (Medtherm)
Oxygen volume concentration	G	⬡	G1	Electrolytic cell, dry basis
CO_2 volume concentration	G	⬡	G2	Infra-red absorption, dry basis (Beckman)
Weight	L	☆	L1	Strain-gage load platform, water cooled (BLH Electronics)
Static pressure difference	DP	○	DP1-6	Variable reluctance pressure transducer and signal processor (Dynascience, Natel)
Velocity pressure	P	○	P1-7	Bidirectional velocity probe, capacitance type pressure transducer and electronic manometer (Datametrics)

Table 3. Correlation key for raw data

Instrument		Monitored Variable	Channel Number	Units
L1	Load Cell Platform	Burning Mass Loss	31	g
H2	Floor Heat Flux Meter	Total Heat Transfer Incident on Floor	32	W/cm^2
T24	Thermocouple (TC) on Target Filter Paper	Indicates Ignition of Target Filter Paper	23	°C
T8-T23	Room TC Rake 16 TC's Including Ceiling	Representative Room Gas Temperature Gradient	7-22	°C
T25	Wall TC	Representative Upper Wall Temperature	24	°C
T1-T7	Doorway TC Rake 7 TC's	Gas Temperature Distribution in Doorway	0-6	°C
P1-P7	Bidirectional Velocity Probes (7)	Gas Outflow and Inflow Velocity	(30, Probe I.D.)	m/s
G1 G2	Doorway Gas Sampling	O_2 and CO_2 Concentration of Exhaust Gas	40 and 47	o/o
DP1-DP6	Static Pressure Probes (6)	Room Static Pressure Distribution (differential - room to ambient)	41-46	N/m^2
R1	Ceiling Radiant Energy Meter	Incident Radiant Heat Flux to Ceiling	33	W/cm^2
H1	Ceiling Heat Flux Meter	Total Incident Heat Flux to Ceiling	34	W/cm^2
R2	Radiometer	Heat Flux from Region above 0.95m above Floor[a]	39	W/cm^2
T26-T30	Small Wire Thermocouples and an Aspirated Thermocouple (T28)	Room Gas Temperature[b]	25-29	°C

[a] Added for PRC 13 - PRC 18

[b] Added for PRC 9 - PRC 20

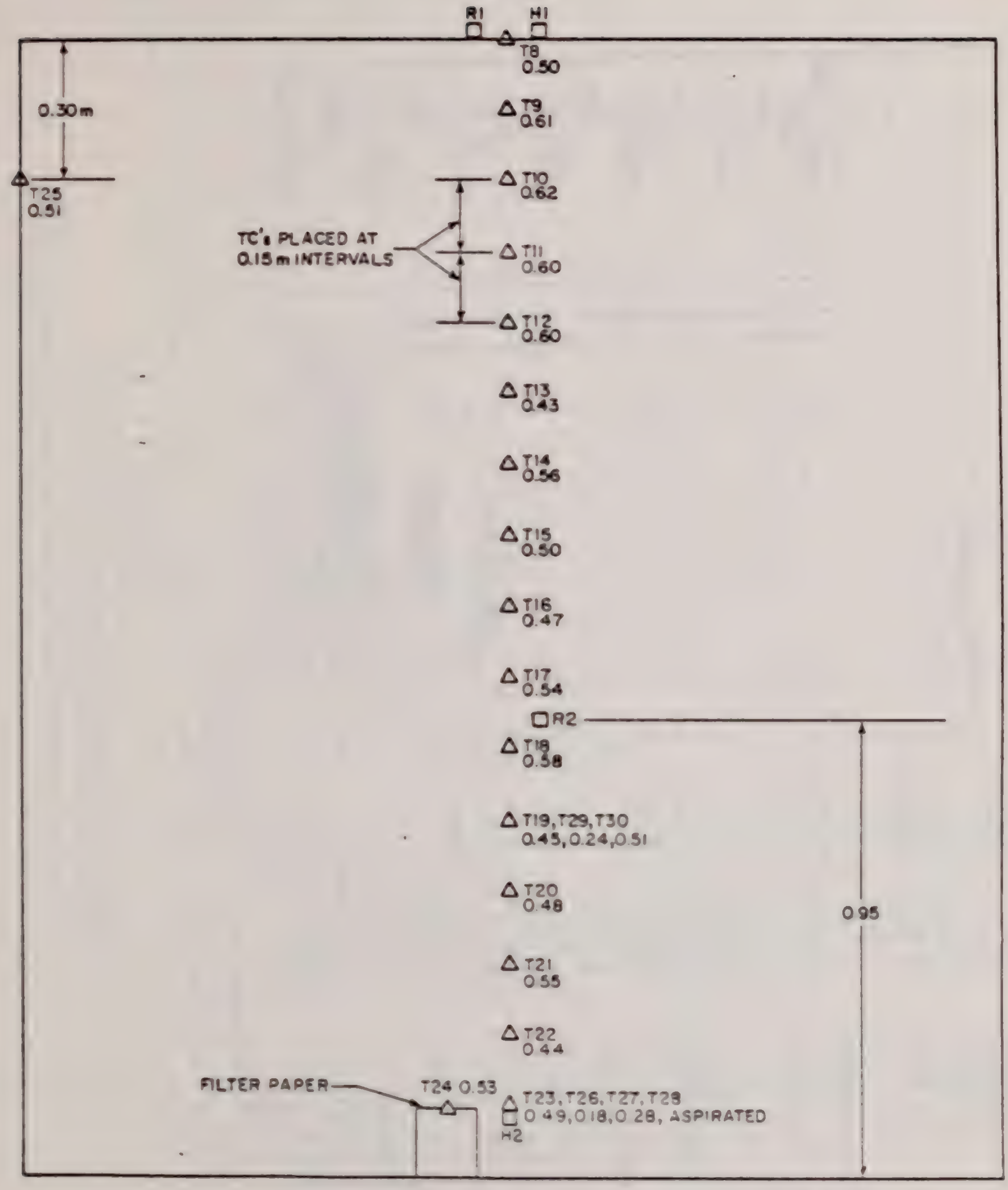


Figure 1-1. Room instrumentation--thermocouple section

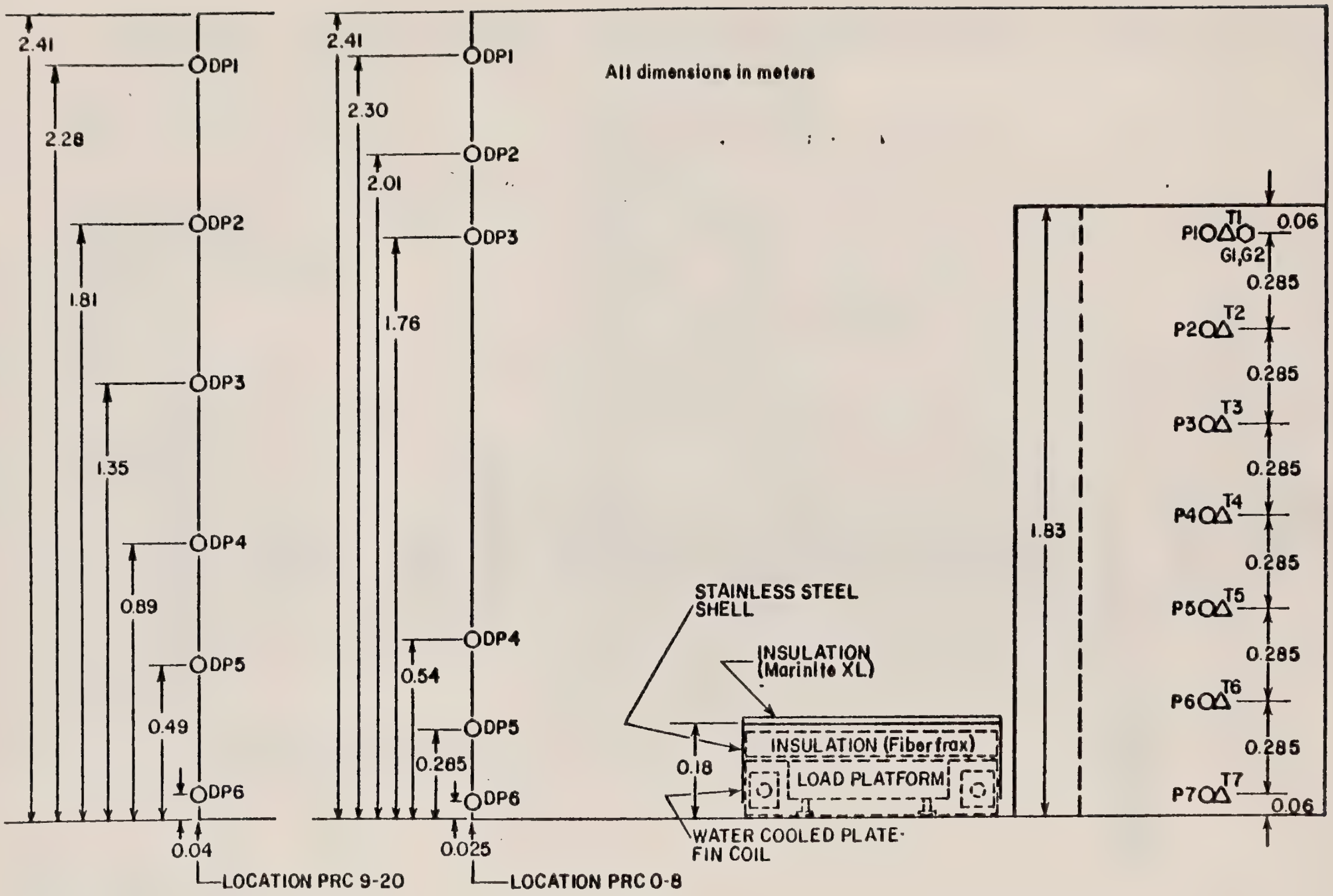


Figure 1-2. Room instrumentation--side view

Table 4. Average peak values for significant results

$W_o = 0.79m$ ($A_o\sqrt{H_o} = 1.96m^{5/2}$)	APV Times (s)	$\dot{m}_v$ (g/s)	$\dot{m}_{in}$ (kg/s)	$\dot{m}_{out}$ (kg/s)	$\bar{T}_{9-10-11}$ (°C)	T_6 (°C) Ceiling Temp. (°C)	T_{21} (°C) Wall Temp. (°C)	H_2 (W/cm^2)	H_1 (W/cm^2)	% O_2	% CO_2	W/H_o	Thermal D/H_o	Video Tapes D/H_o
PRC 0-W-1-1	105-440	5.08	.337	.371	157	85	--	.153	--	19.1	2.43	.633	.66	
PRC 3-W-1-1	120-460	5.10	.342	.380	151	137	81	.148	.336	19.0	2.37	.653	.66	.73-.86
PRC 5-W-2-1	175-455	11.86	.445	.470	243	158	124	.248	.774	18.2	3.80	.651	.57	.88
PRC 2-W-3-1	130-375	20.14	.410	.631	328	211	193	.543	1.21	16.7	5.10	.665	.49	.60
PRC 7-W-4-1	85-320	28.64	.503	.685	416	319	293	1.01	2.54	15.6	6.94	.590	.53	.55
PRC 1-P-1-1	70-290	6.98	.517	.598	212	122	119	.381	.655	18.6	2.53	.634	.57	.46
PRC 4-P-2-1	65-215	20.19	.450	.667	366	386	240	1.04	2.06	15.1	5.86	.634	.49	.49
PRC 6-P-3-1	50-185	33.02	.516	.650	682	607	543	2.39	7.78	10.7	11.8	.566	.49	.50
PRC 8-P-4-1	60-230	35.29	.489	.697	794	754	716	2.86	10.4	9.57	11.4	.534	.37	.44
$W_o = 0.39m$ ($A_o\sqrt{H_o} = 0.98$)														
PRC 9-W-2-1/2	95-385	11.94	.259	.370	288	145	139	0.42	0.81	16.7	3.21	.574	.57	.57
PRC 11-W-3-1/2	105-370	18.73	.354	.385	356	231	200	0.58	1.30	15.3	5.99	.587	.49	.52
PRC 15-W-4-1/2	70-310	28.28	.389	.422	424	314	316	1.01	2.25	13.7	6.86	.561	.41	.37
PRC 10-P-2-1/2	60-255	15.42	.341	.421	386	245	254	1.00	1.90	14.2	5.31	.557	.29	.33
PRC 18-P-3-1/2	70-260	25.02	.400	.492	680	644	639	2.39	6.65	7.81	10.4	.532	.25	.42
$W_o = 0.19m$ ($A_o\sqrt{H_o} = 0.49$)														
PRC 13-W-2-1/4	130-425	11.27	.173	.225	319	185	174	0.43	0.90	14.8	5.36	.557	.45	.45
PRC 17-W-4-1/4	85-365	24.48	.224	.272	408	415	376	1.45	3.12	8.01	12.5	.530	.29	.30
PRC 19-W-4-1/4	85-345	26.41	.196	.283	478	386	352	1.40	1.95	9.67	10.9	.530	.25	
PRC 12-P-1-1/4	85-350	5.90	.203	.207	238	151	129	0.39	0.71	16.4	2.67	.564	.41	.04
PRC 14-P-2-1/4	55-265	14.55	.213	.251	403	324	292	0.98	2.11	11.8	7.05	.542	.29	.02
PRC 16-P-3-1/4	85-300	21.97	.242	.297	632	576	564	1.77	5.70	9.50	9.69	.516	.25	.02
PRC 20-P-3-1/4	60-260	22.93	.214	.283	642	600	554	1.79	5.94	8.43	10.4	.508	.25	

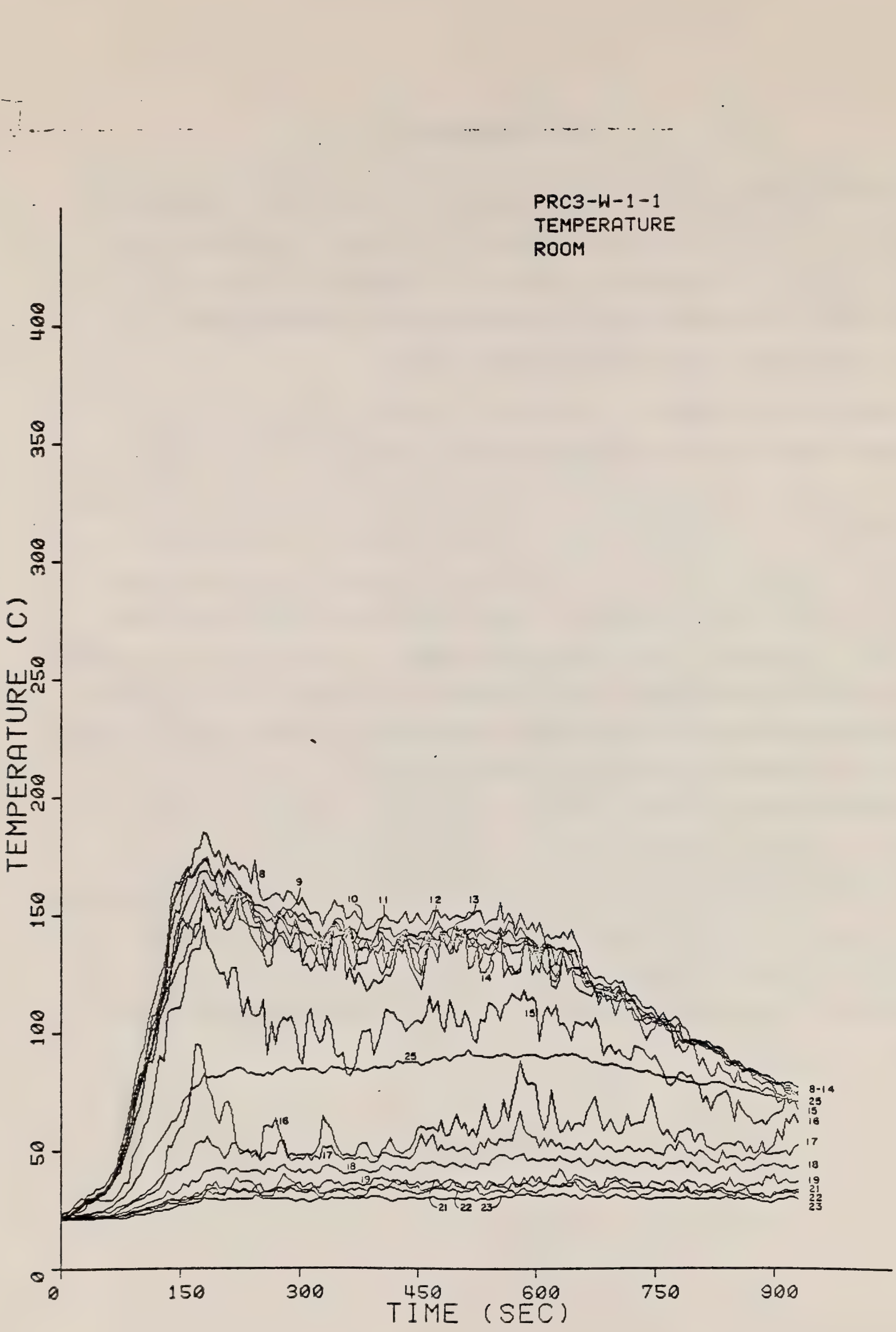
Table 4 (continued)

W_o = 0.79m ($A_o\sqrt{H_o}$ = 1.96m$^{5/2}$)	V_1 (m/s)	V_2 (m/s)	V_3 (m/s)	V_4 (m/s)	V_5 (m/s)	V_6 (m/s)	V_7 (m/s)	Δp_1 (N/m^2)	Δp_2 (N/m^2)	Δp_3 (N/m^2)	Δp_4 (N/m^2)	Δp_5 (N/m^2)	Δp_6 (N/m^2)
PRC 0-W-1-1	1.95	0.595	0.064	-.241	-.170	-.380	-.329	3.46	3.14	2.19	-0.649	-0.075	--
PRC 3-W-1-1	1.80	0.744	0.0035	-.205	-.150	-.342	-.301	4.81	2.78	2.00	-0.049	-0.082	-0.477
PRC 5-W-2-1	2.46	1.30	.0115	-.400	-.428	-.525	-.561	7.03	5.43	3.45	-0.461	-0.225	-0.513
PRC 2-W-3-1	3.36	2.40	-.156	-.133	-.504	-.377	-.642	7.00	7.125	4.47	-0.811	-0.371	-0.141
PRC 7-W-4-1	3.68	2.58	.225	-.311	-.460	-.776	-.727	10.58	7.97	5.02	-0.704	-0.192	-0.062
PRC 1-P-1-1	2.29	1.75	.0567	-.356	-.477	-.724	-.658	6.22	5.22	3.67	-0.761	-0.224	-0.723
PRC 4-P-2-1	3.34	2.52	.0996	-.623	-.732	-.278	-.176	9.64	7.64	4.92	-0.079	--	--
PRC 6-P-3-1	4.65	2.92	.510	-.373	-.502	-.829	-.878	10.78	9.71	6.20	-0.214	-0.320	-1.474
PRC 8-P-4-1	4.93	2.98	.593	-.166	-.747	-.617	-.969	11.67	9.34	5.73	-0.172	-0.791	-0.722
W_o = 0.39m ($A_o\sqrt{H_o}$ = 0.98)								H = 2.28m	1.81	1.35	0.89	0.49	0.04
PRC 9-W-2-1/2	3.21	2.46	.529	-.487	-.586	-.707	-.685	7.86	4.68	2.42	-0.455	-1.13	-0.198
PRC 11-W-3-1/2	3.81	2.94	.522	-.702	-.779	-.864	-.871	10.69	6.15	1.41	0.655	-1.25	-0.322
PRC 15-W-4-1/2	4.31	3.38	1.15	-.748	-8.75	-1.09	-.969	11.37	6.81	2.72	0.471	-1.68	-0.66
PRC 10-P-2-1/2	3.82	3.07	1.073	-.623	-.816	-.926	-.929	10.06	5.20	3.40	-0.511	-0.917	-0.364
PRC 18-P-3-1/2	5.42	4.17	2.23	-.643	-.971	-1.13	-1.13	11.89	8.13	3.31	-0.039	-1.20	-1.98
W_o = 0.19m ($A_o\sqrt{H_o}$ = 0.49)													
PRC 13-W-2-1/4	3.82	3.02	1.12	-.638	-.863	-.835	-.992	9.26	5.68	2.04	0.446	-1.305	-1.197
PRC 17-W-4-1/4	5.05	4.12	2.86	-.695	-1.06	-1.24	-1.24	12.33	8.10	3.36	0.331	-1.458	-2.48
PRC 19-W-4-1/4	5.10	4.26	2.86	-.672	-.925	-1.11	-1.10	12.01	9.25	4.00	0.194	-1.03	-1.68
PRC 12-P-1-1/4	2.97	2.55	1.09	-.753	-.986	-1.06	-1.04	7.063	5.13	2.18	-0.306	-1.25	-1.34
PRC 14-P-2-1/4	4.09	3.46	1.90	-.694	-1.05	-1.19	-1.19	10.13	6.91	3.58	0.148	-1.447	-2.26
PRC 16-P-3-1/4	5.17	4.46	2.98	-.340	-1.22	-1.55	-1.37	--	9.35	4.32	-0.94	-0.486	--
PRC 20-P-3-1/4	5.07	4.24	2.90	-1.63	-1.10	-1.34	-1.33	11.57	9.38	3.60	-0.02	-1.63	-2.45

2. ROOM TEMPERATURES

Room temperatures measured as described in volume I [1], section 2.3.1 are shown as a function of time in figures 2.1 to 2.20. The curves are labeled according to thermocouple number, as referenced in figure 1.1. These results include the ceiling (T8) and wall (T25) temperatures, but do not include the filter paper temperature (T24).

Some anomalous behavior of the data is present and may be explained. For example, the ceiling temperature generally follows the wall temperature, but this is not the case in PRC 3. It appears that in that case T8 was more likely measuring the gas temperature near the ceiling. The temperature fluctuations generally reflect the turbulence level but in some instances extraordinary excursions are shown. These excursions do not reflect the temperature; the cause of the error is not known. In PRC 9 and 10 it appears that T23 was not recording the proper temperature, in fact T23 was found to have had a short circuit at the thermocouple junction box located in the room. Hence, it was probably measuring the temperature in the junction box for these two experiments. Finally, during the fire decay period T28, the aspirated thermocouple appears to have an anomolous behavior. It occurs for the high temperature fires with small doorways. The aspirated temperature begins to exceed the bare thermocouple data. This is probably a valid reading due to conduction from the hot aspirated probe metal tube which is slow to cool. When this occurs T28 does not give a true gas temperature reading.


PRC3-W-1-1
TEMPERATURE
ROOM
TEMPERATURE (C)
0
50
100
150
200
250
300
350
400
TIME (SEC)
0
150
300
450
600
750
900
8
9
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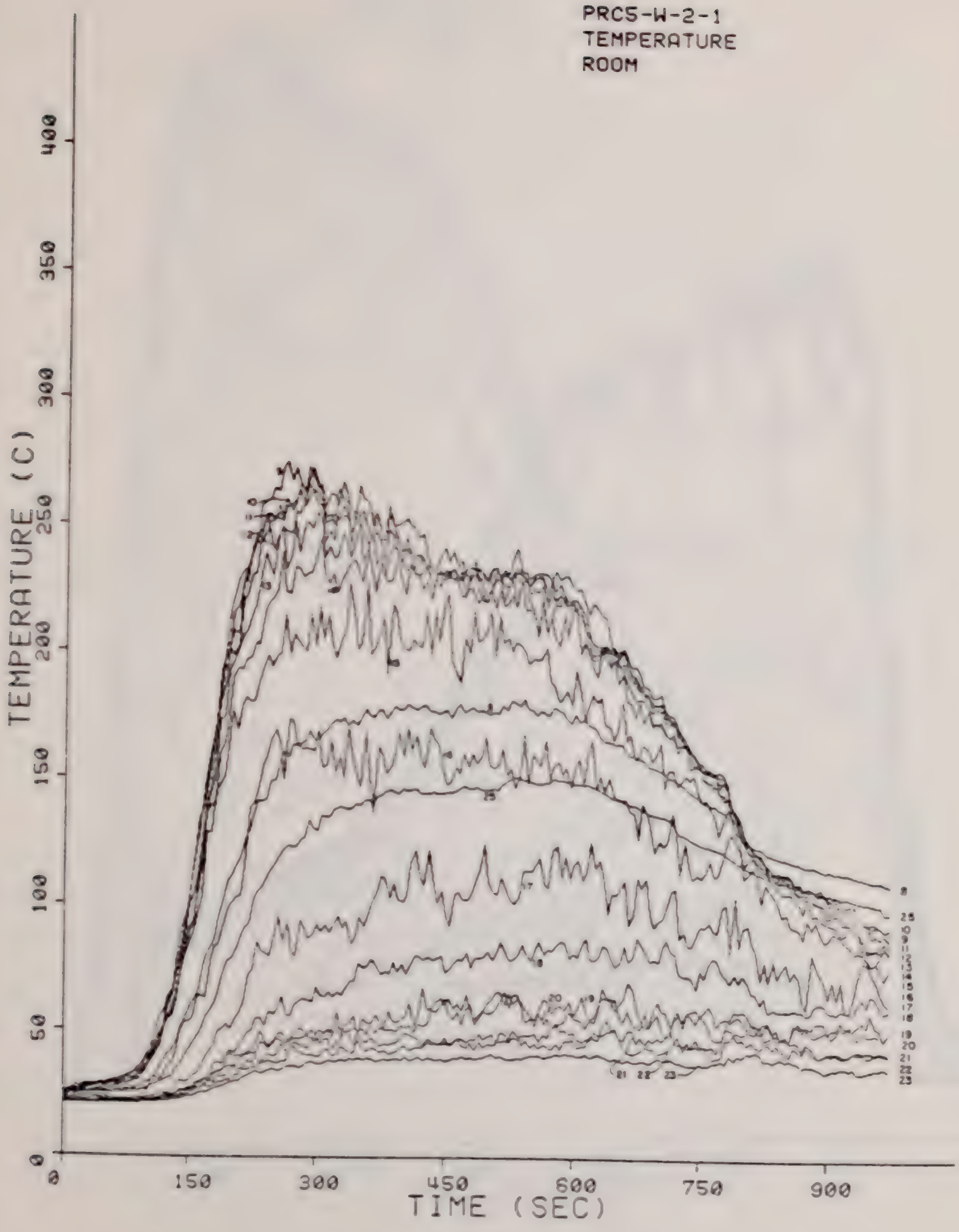
PRC5-W-2-1
TEMPERATURE
ROOM
TEMPERATURE (C)
0
50
100
150
200
250
300
350
400
TIME (SEC)
0
150
300
450
600
750
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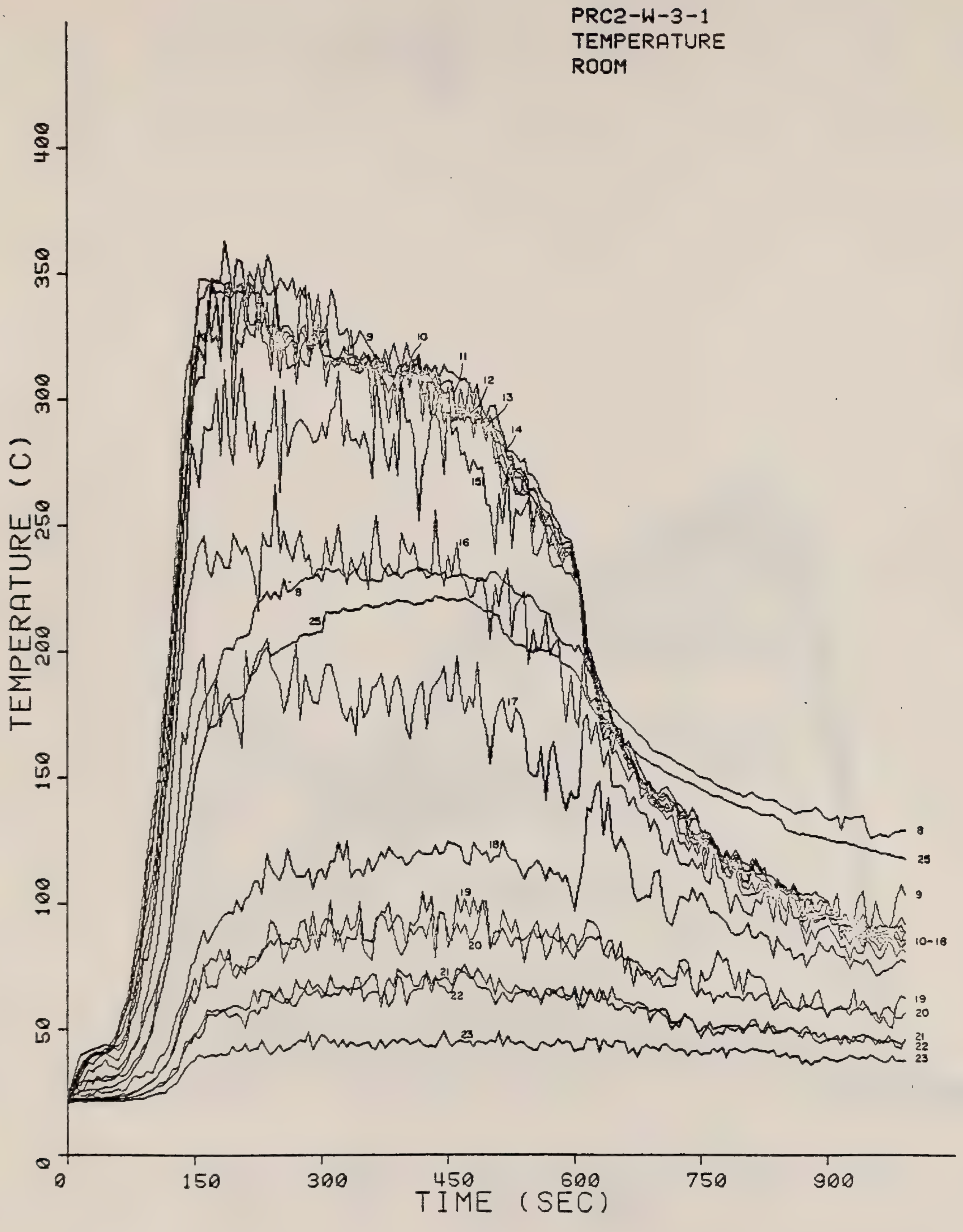
PRC2-W-3-1
TEMPERATURE
ROOM
TEMPERATURE (C)
0
50
100
150
200
250
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350
400
TIME (SEC)
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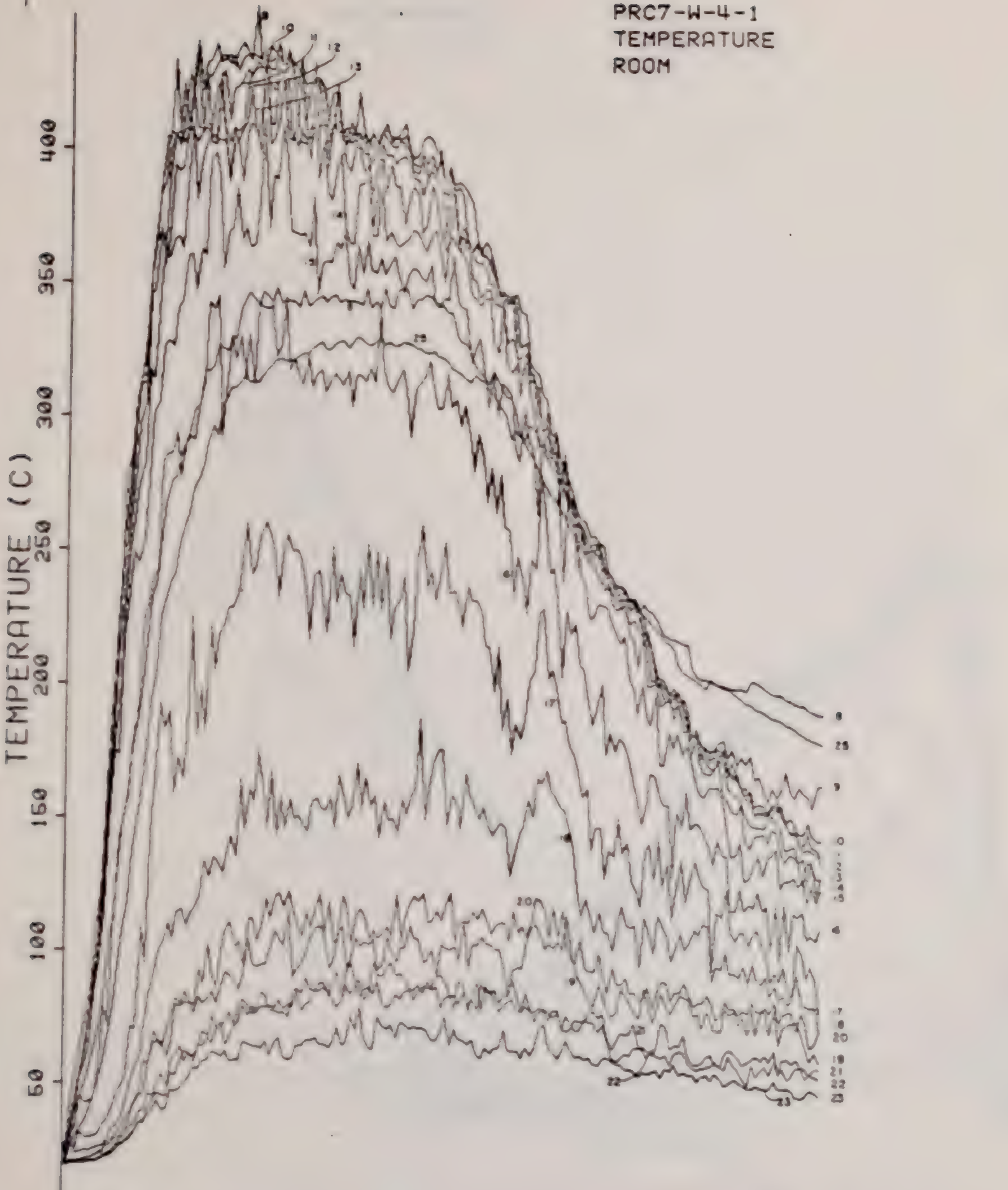
PRC7-W-4-1
TEMPERATURE
ROOM
TEMPERATURE (C)
TIME (SEC)
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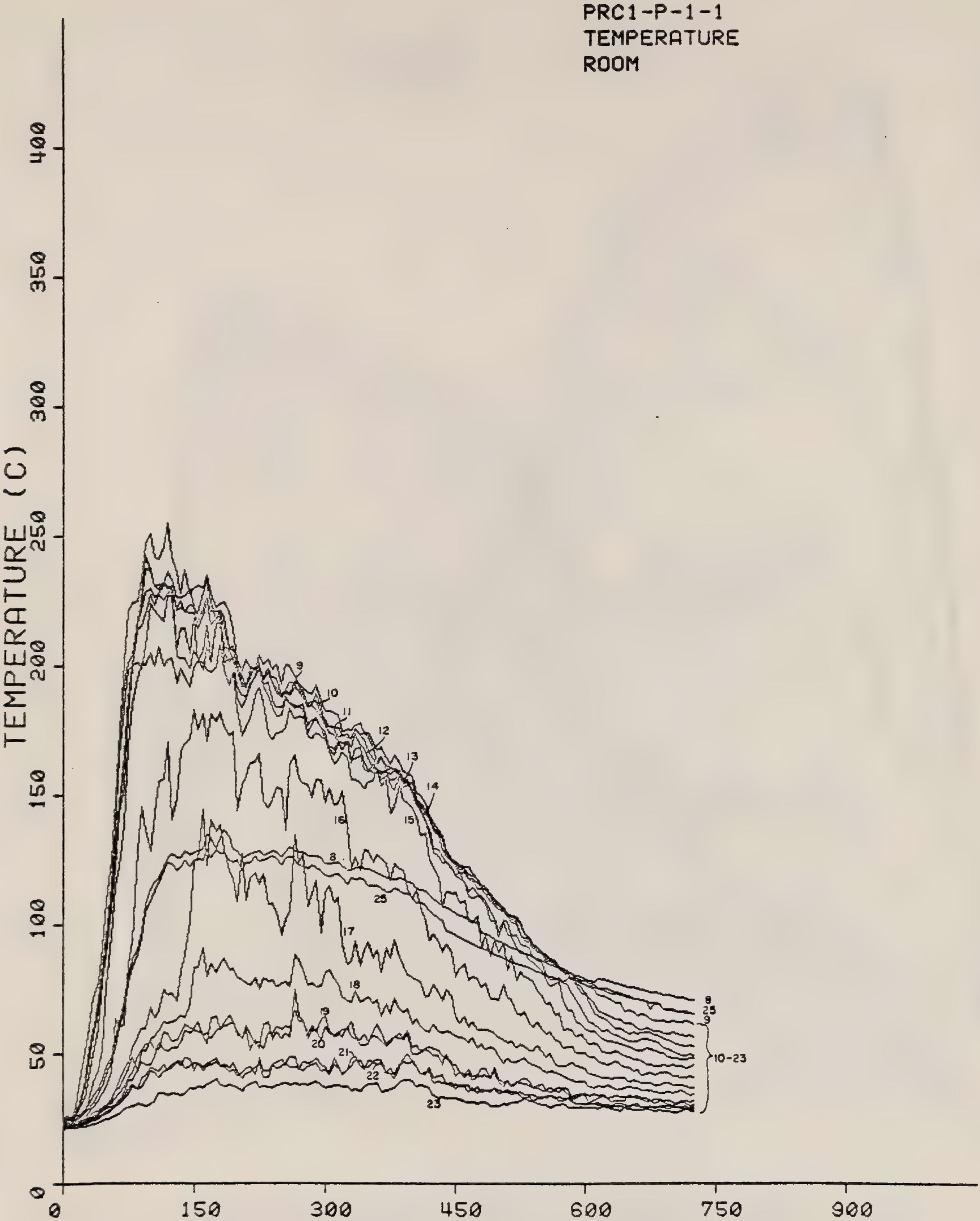
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TEMPERATURE
ROOM
TEMPERATURE (C)
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TIME (SEC)
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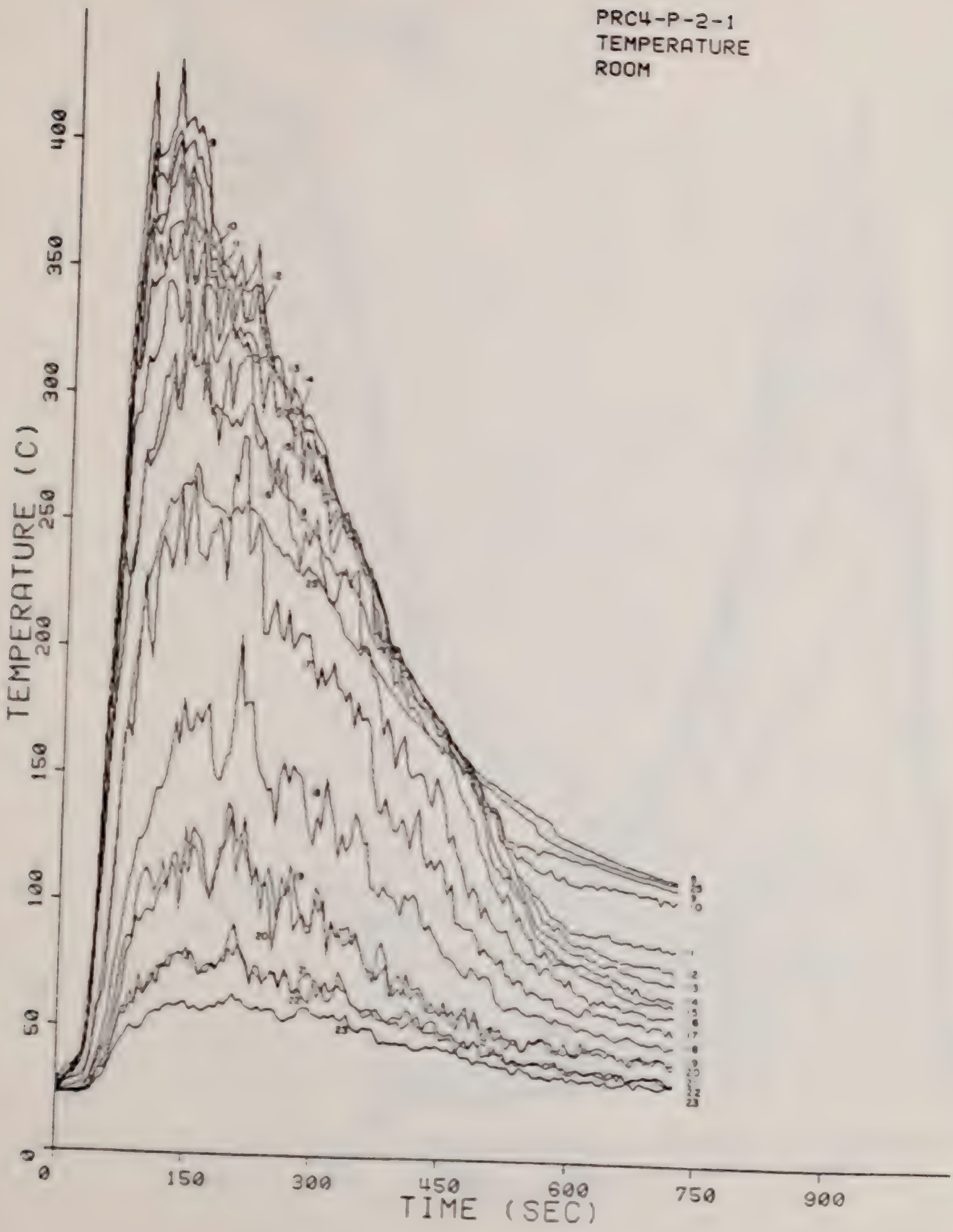
PRC4-P-2-1
TEMPERATURE
ROOM
TEMPERATURE (C)
TIME (SEC)
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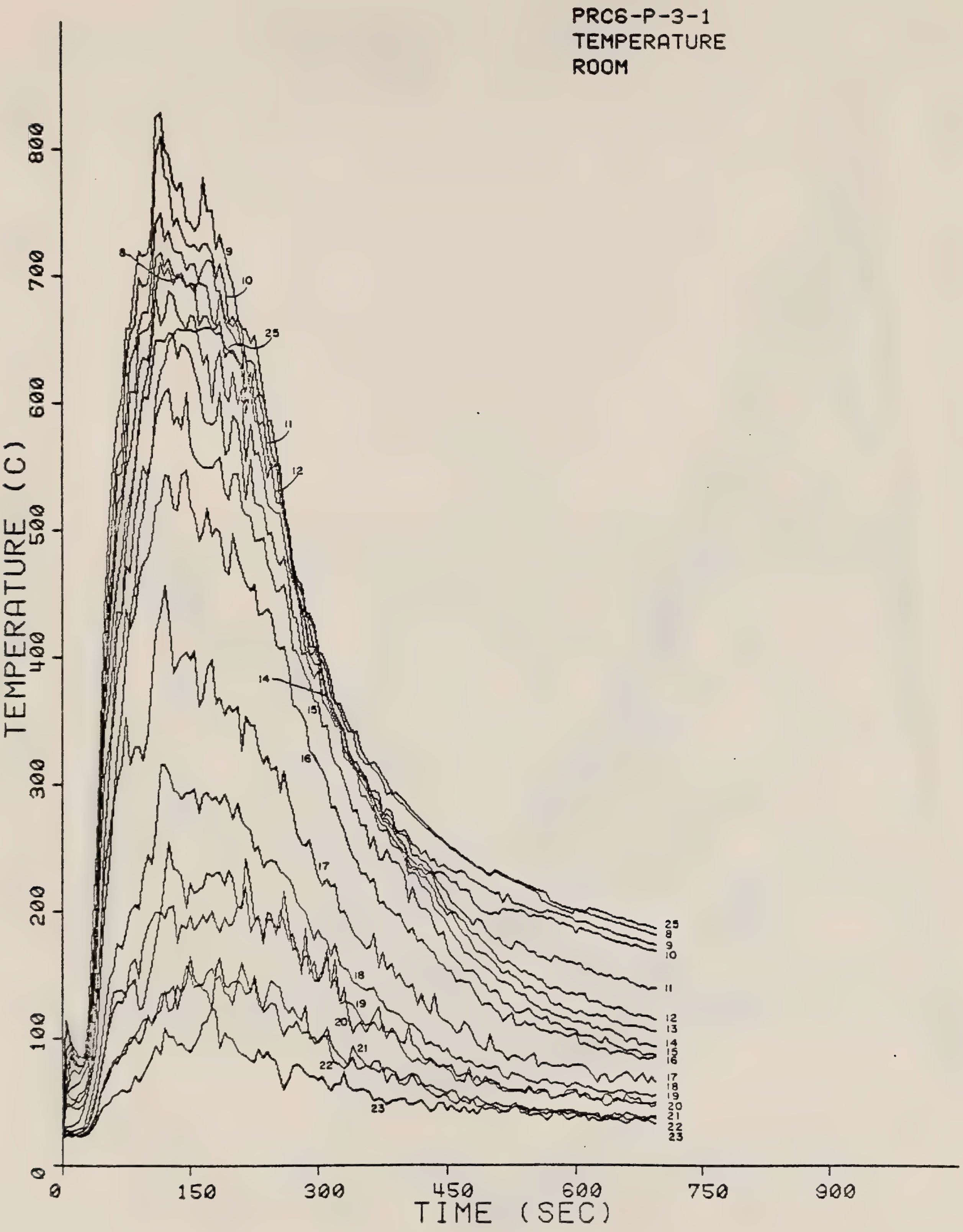
150
300
450
600
750
900
20
23



PRC6-P-3-1
TEMPERATURE
ROOM
TEMPERATURE (C)
0
100
200
300
400
500
600
700
800
TIME (SEC)
0
150
300
450
600
750
900
8
9
10
25
11
12
14
15
16
17
18
19
20
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10
11
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16
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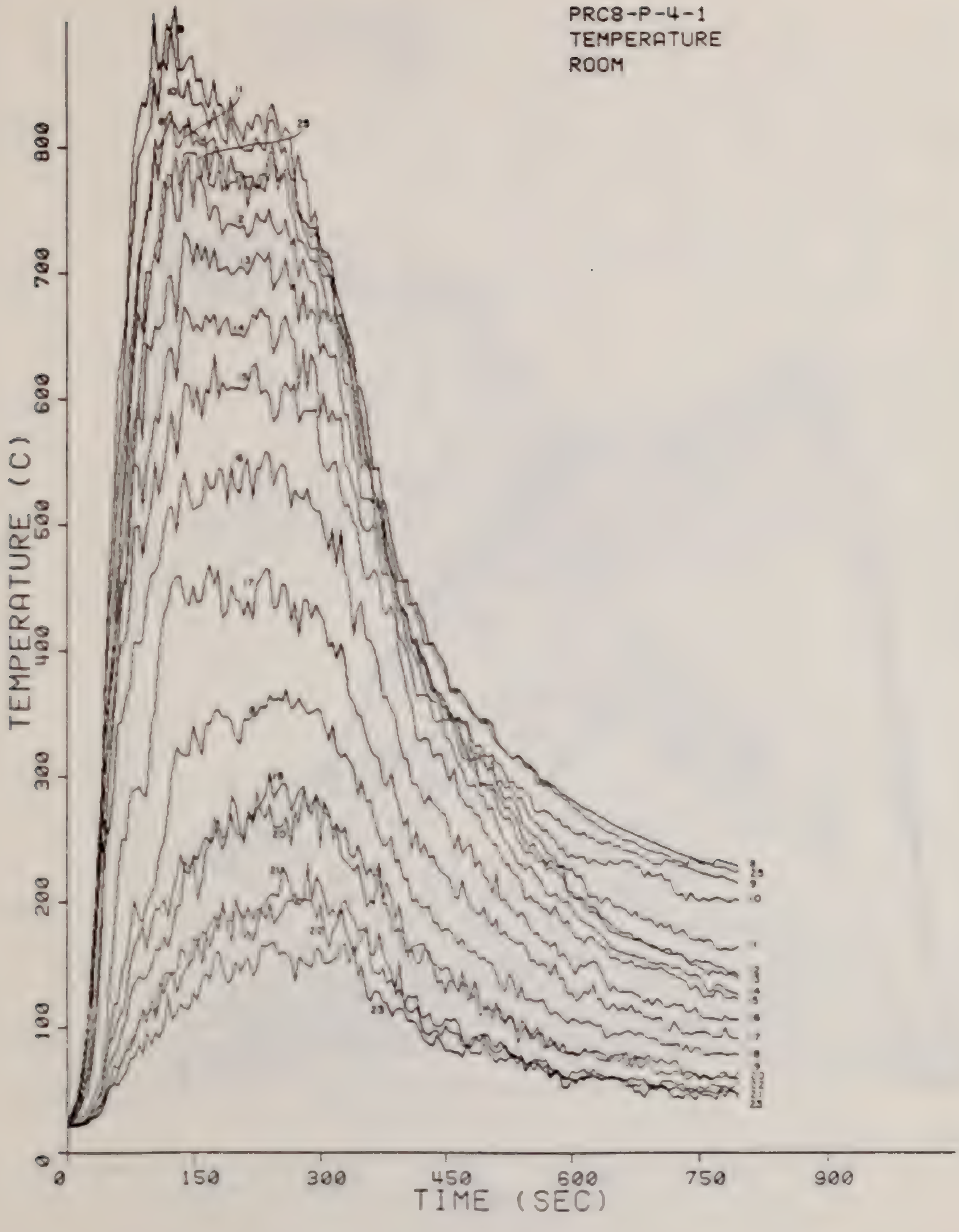
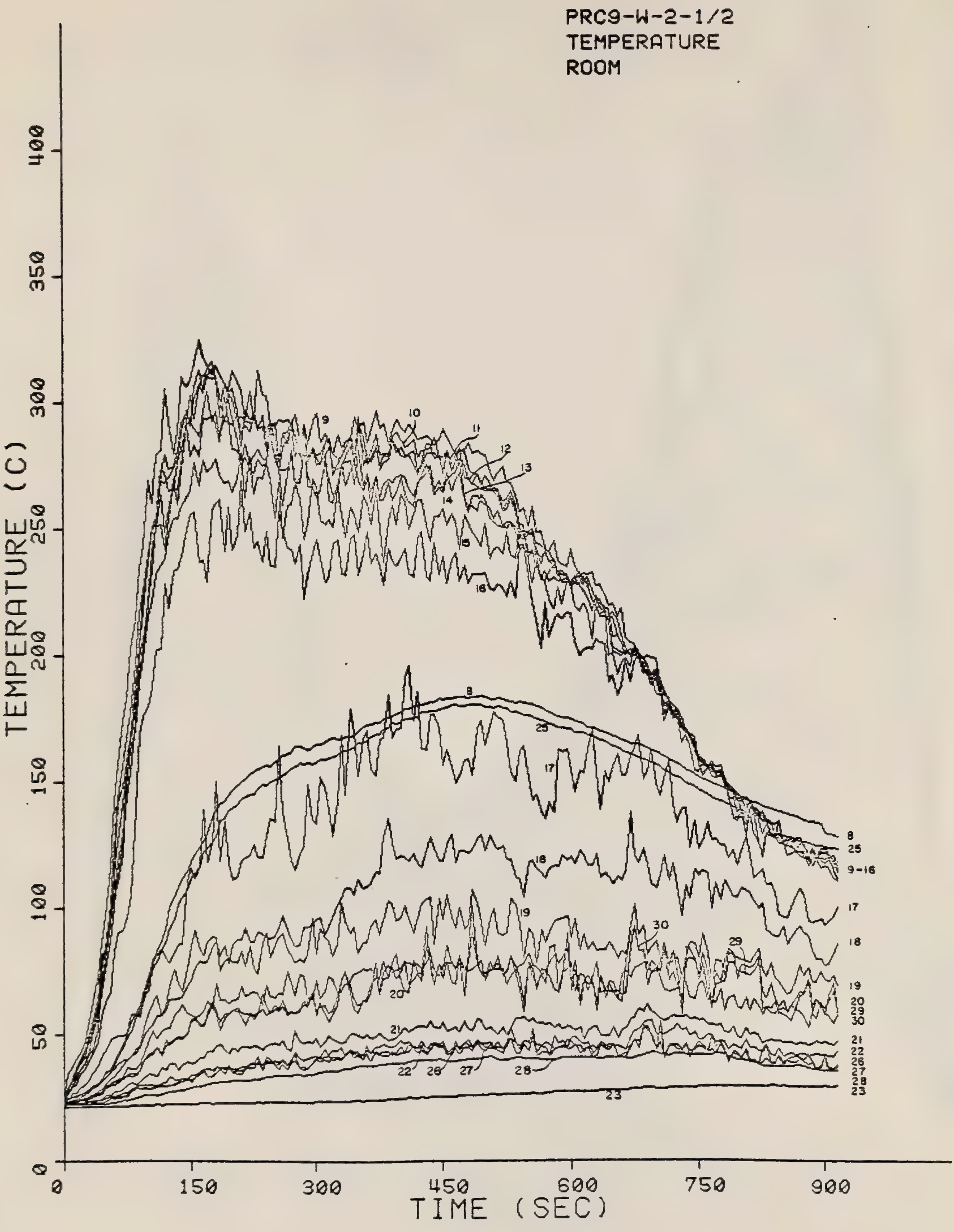
20
21
22
23


PRC8-P-4-1
TEMPERATURE
ROOM
TEMPERATURE (C)
0
100
200
300
400
500
600
700
800
TIME (SEC)
0
150
300
450
600
750
900


PRC9-W-2-1/2
TEMPERATURE
ROOM
TEMPERATURE (C)
TIME (SEC)
0
50
100
150
200
250
300
350
400
0
150
300
450
600
750
900
9
10
11
12
13
14
15
16
8
25
17
18
19
30
29
20
21
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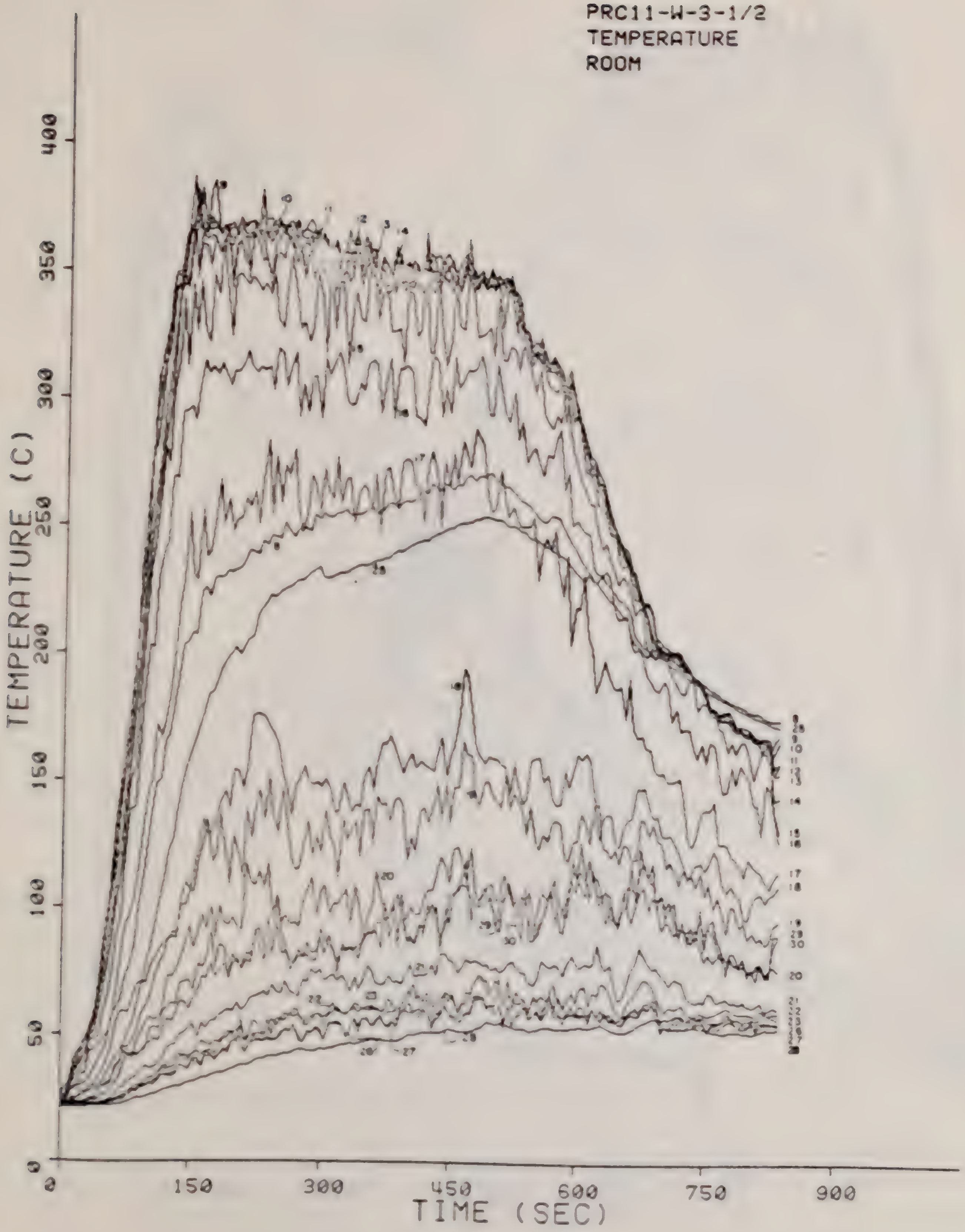
21
22
26
27
28
23


PRC11-W-3-1/2
TEMPERATURE
ROOM
TEMPERATURE (C)
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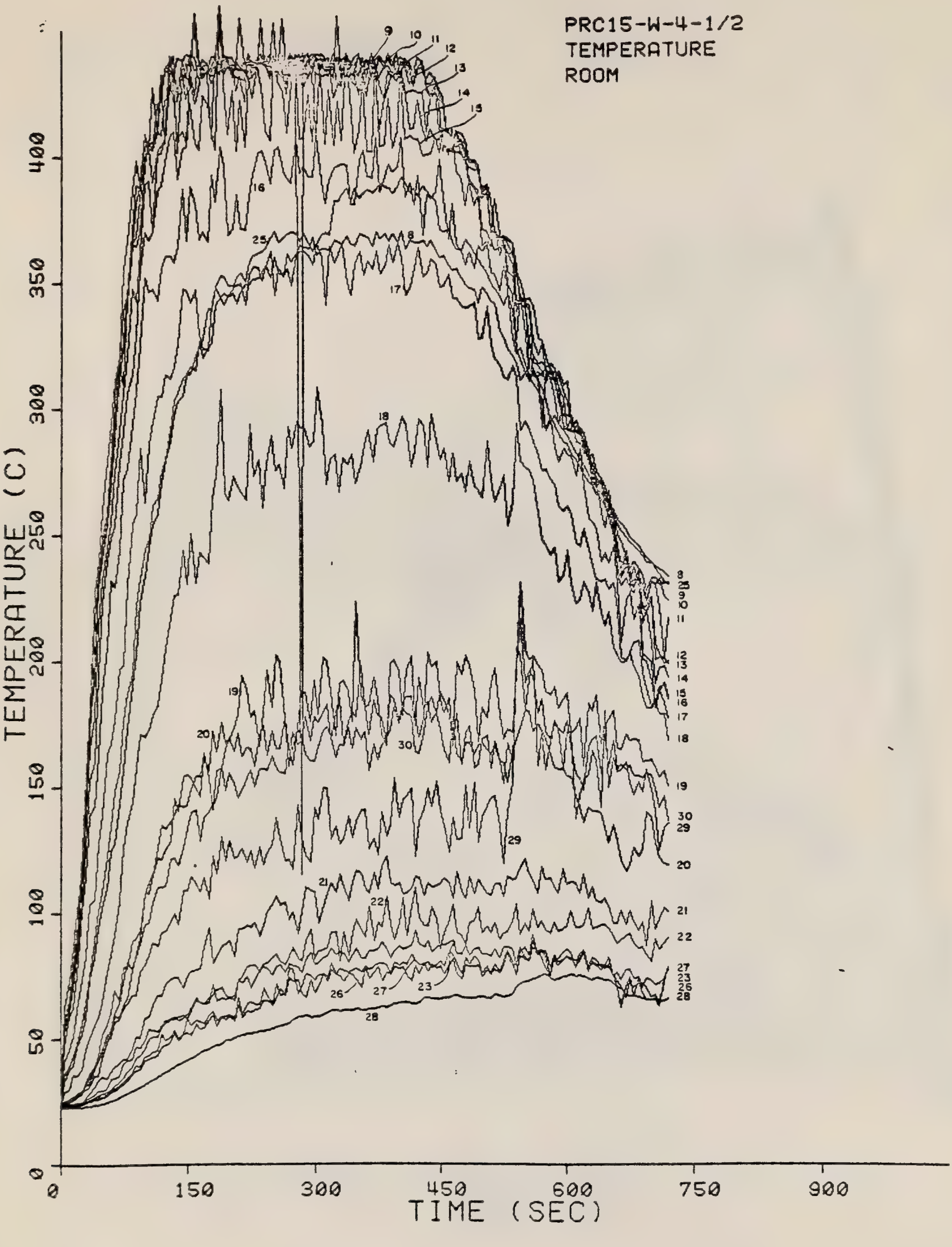
100
150
200
250
300
350
400
TIME (SEC)
0
150
300
450
600
750
900


PRC15-W-4-1/2
TEMPERATURE
ROOM
TEMPERATURE (C)
TIME (SEC)
0
50
100
150
200
250
300
350
400
0
150
300
450
600
750
900
9
10
11
12
13
14
15
16
25
8
17
18
19
20
30
29
21
22
26
27
23
28
8
25
9
10
11
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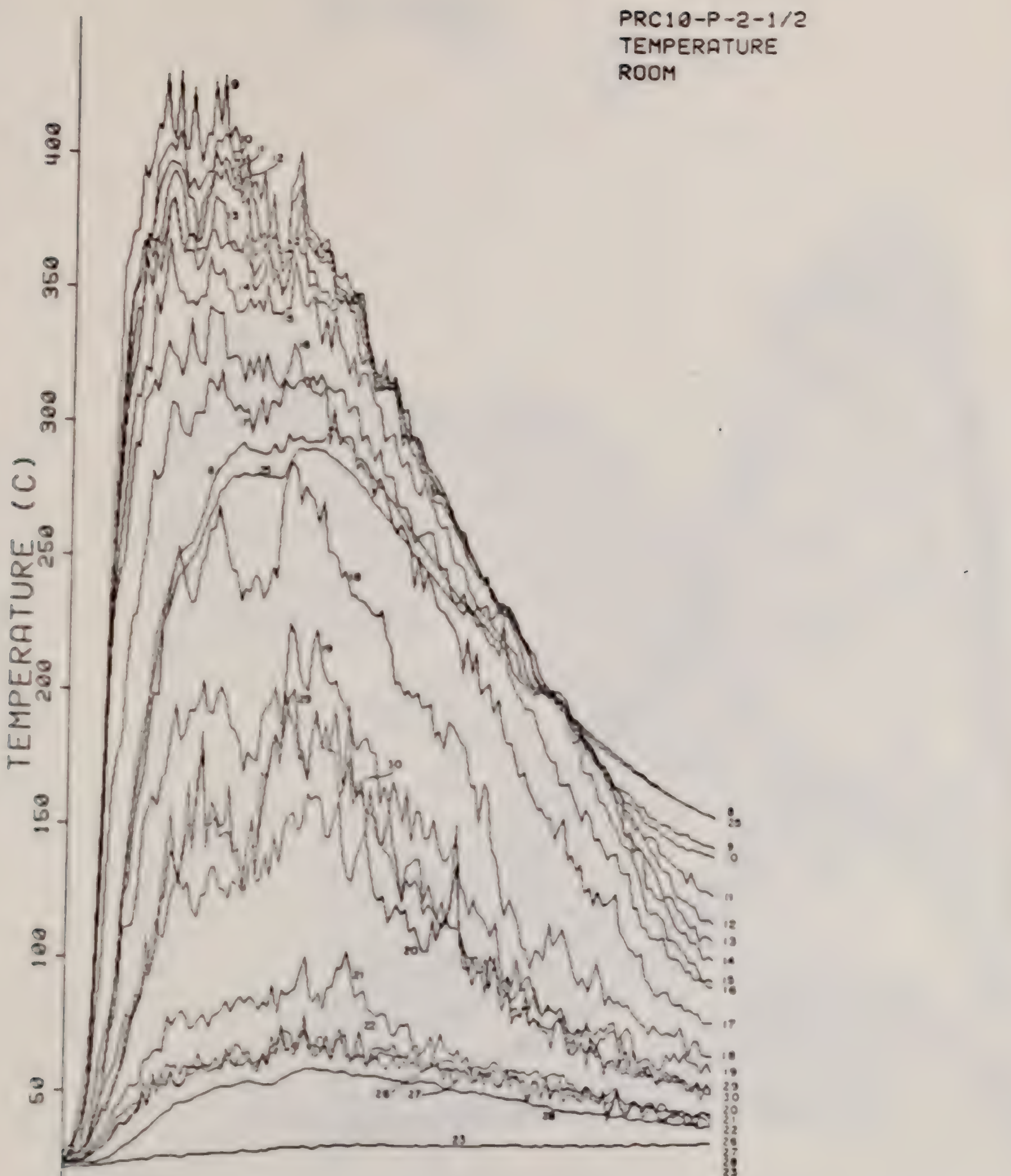
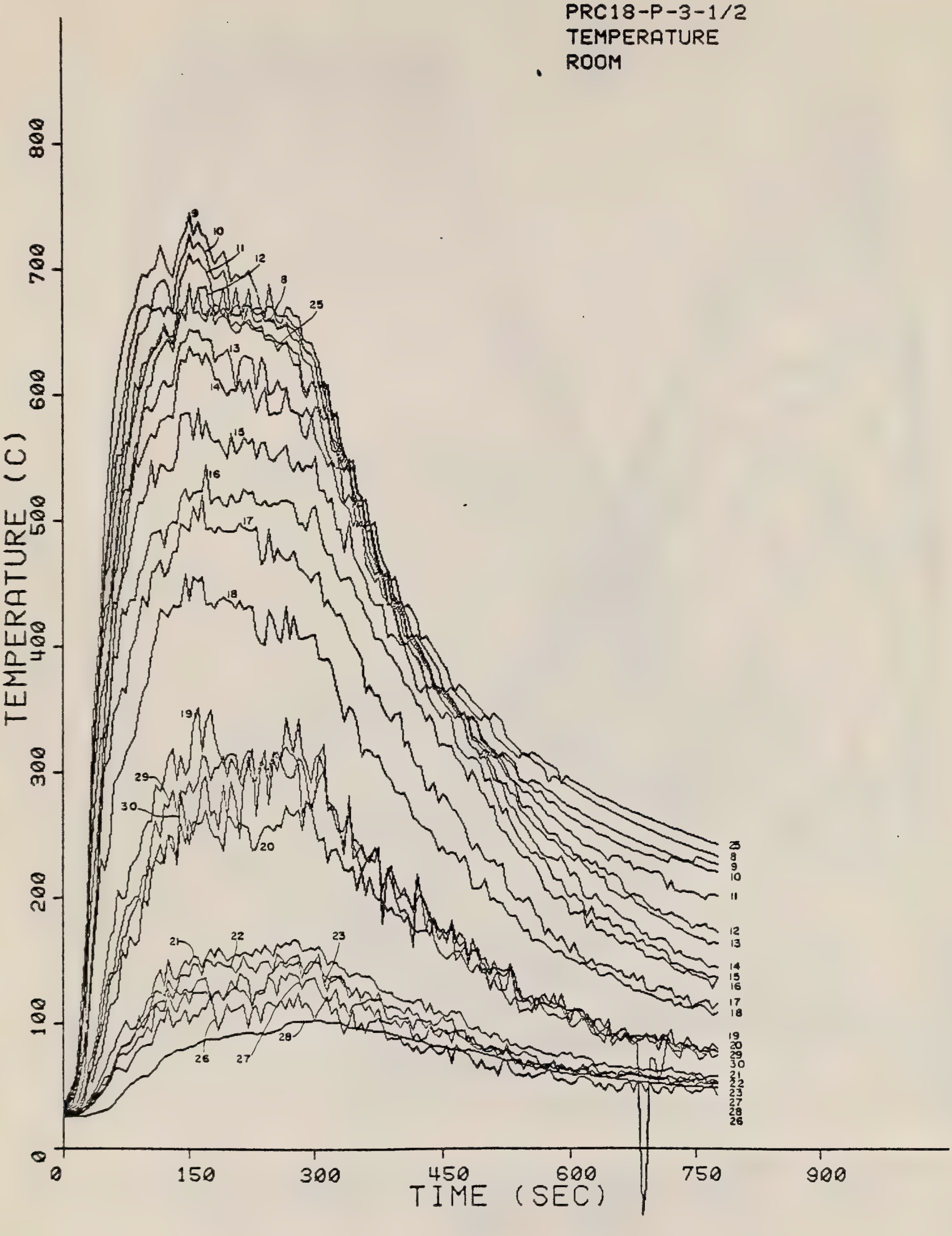
13
14
15
16
17
18
19
30
29
20
21
22
27
23
26
28


PRC10-P-2-1/2
TEMPERATURE
ROOM
TEMPERATURE (C)
0
50
100
150
200
250
300
350
400
TIME (SEC)
0
150
300
450
600
750
900
8
25
9
10
11
12
13
14
15
16
17
18
19
29
30
20
21
22
26
27
28
23


PRC18-P-3-1/2
TEMPERATURE
ROOM
TEMPERATURE (C)
0
100
200
300
400
500
600
700
800
TIME (SEC)
0
150
300
450
600
750
900
9
10
11
12
8
25
13
14
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16
17
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19
29
30
20
21
22
23
28
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11
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29
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21
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23
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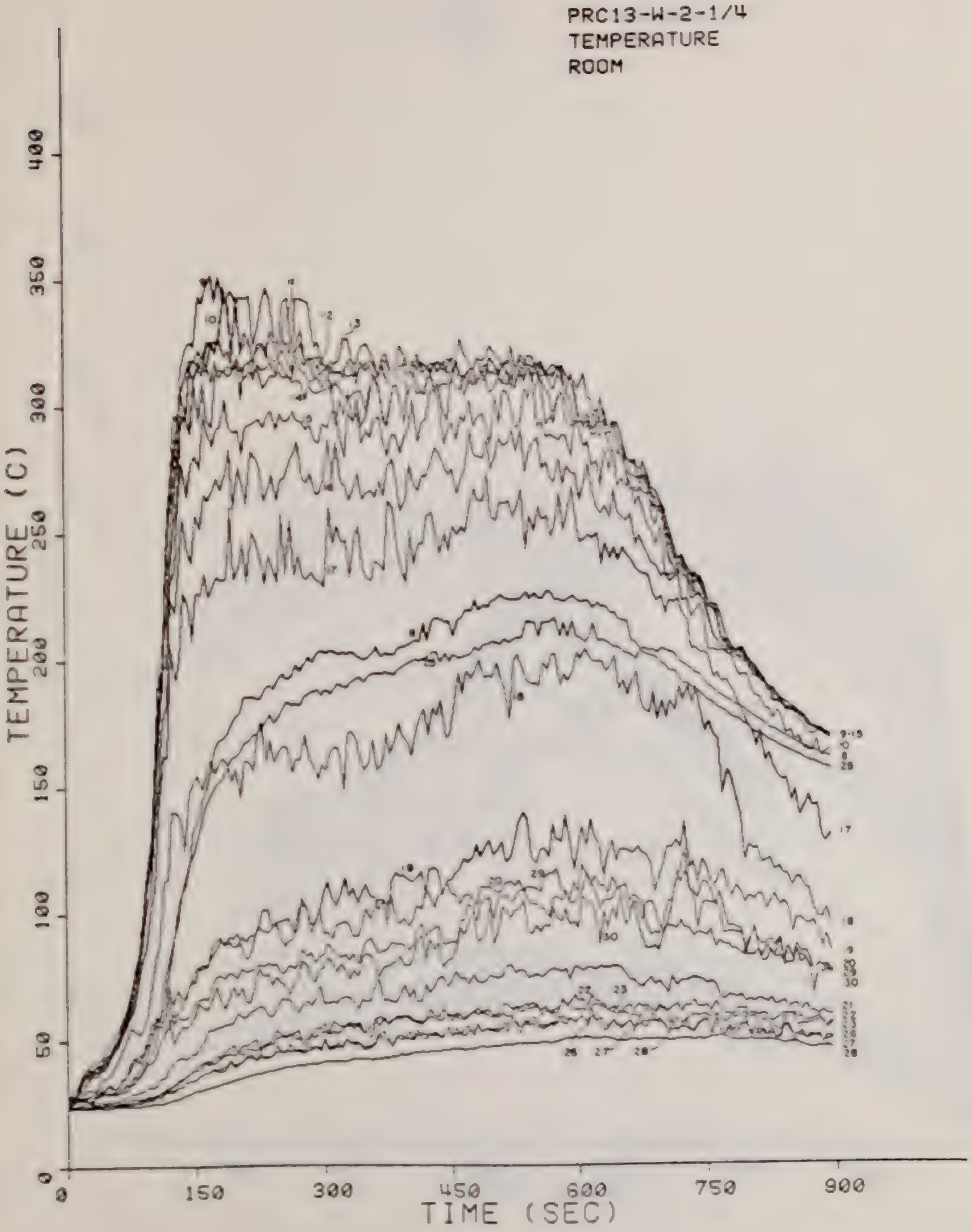
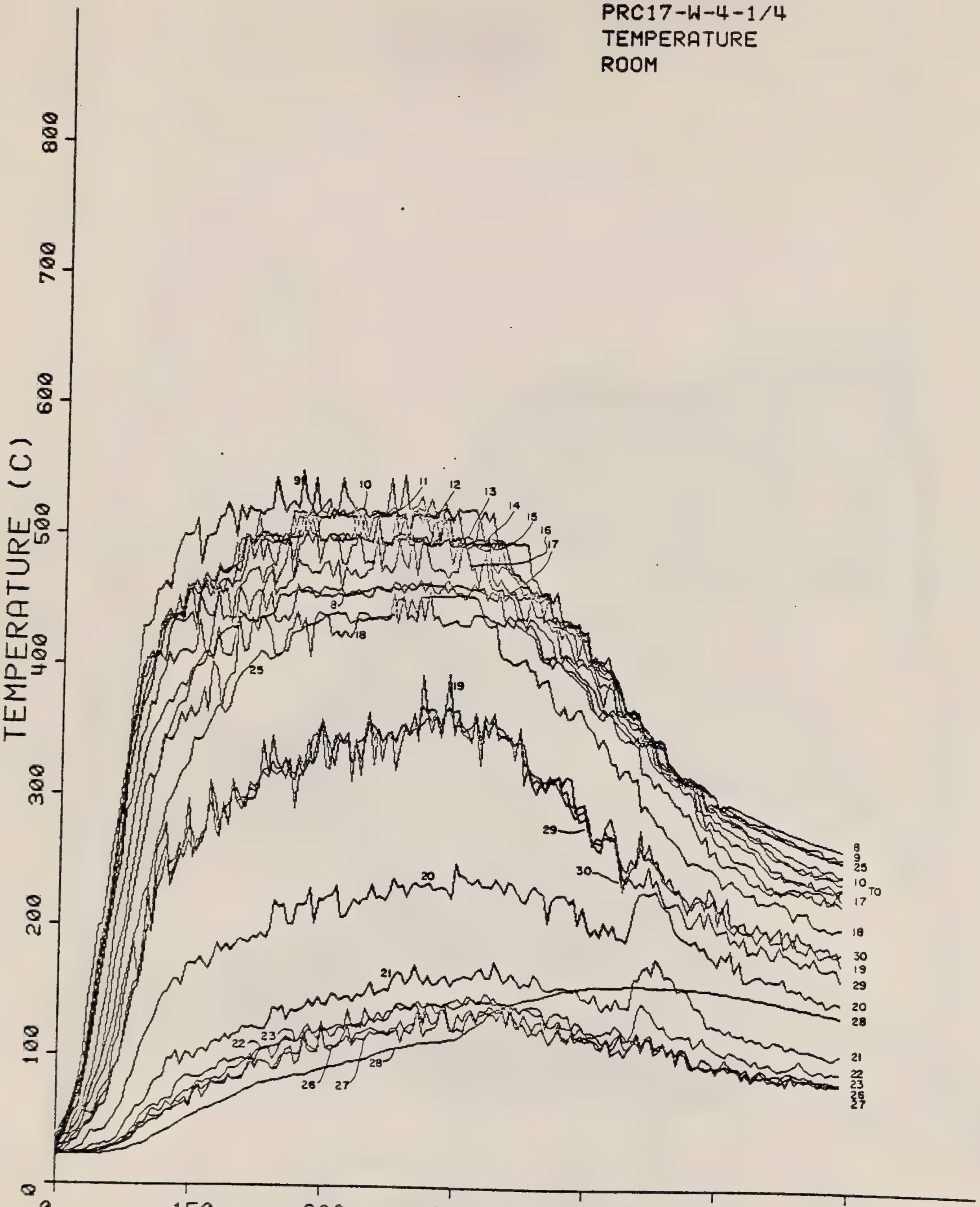
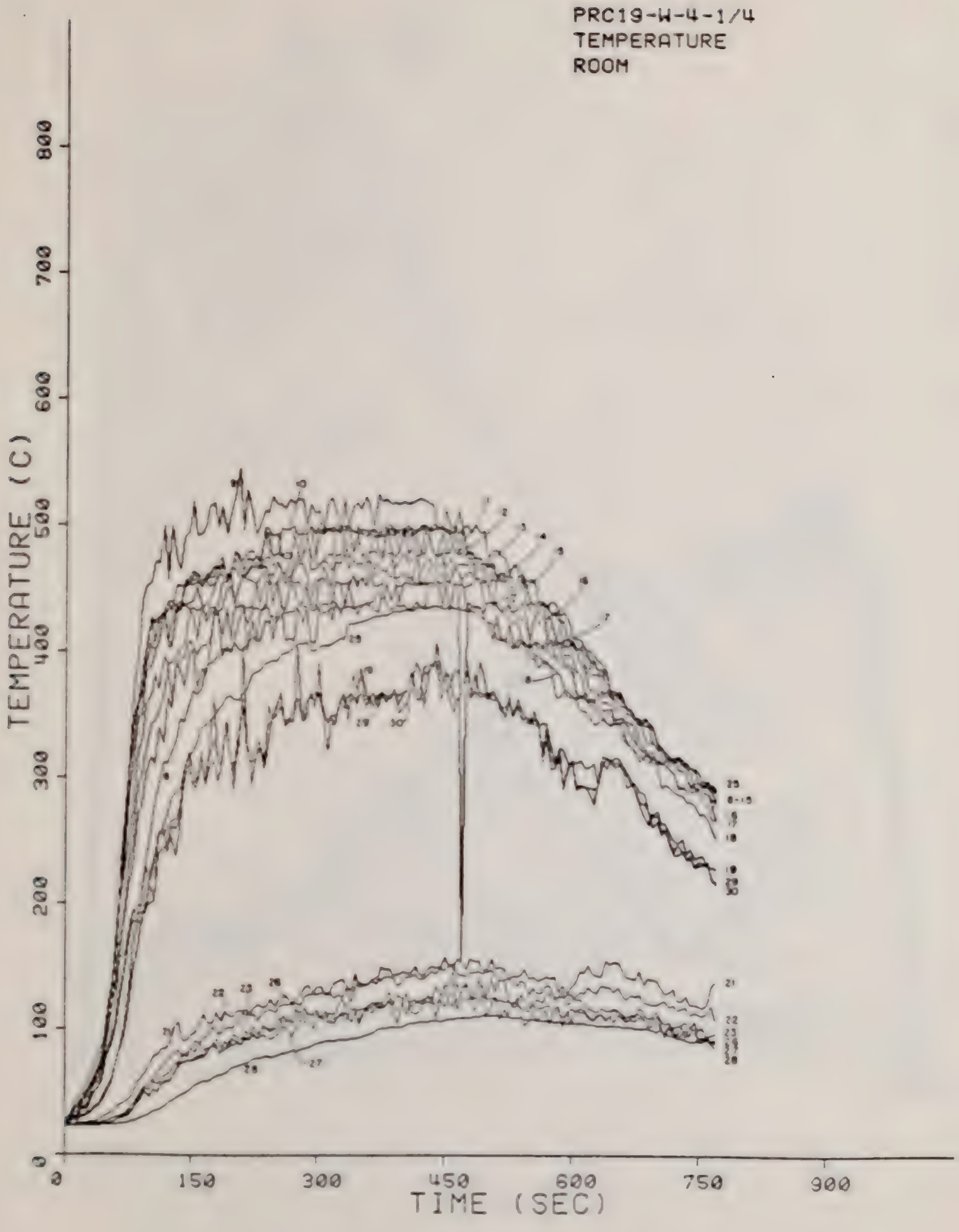
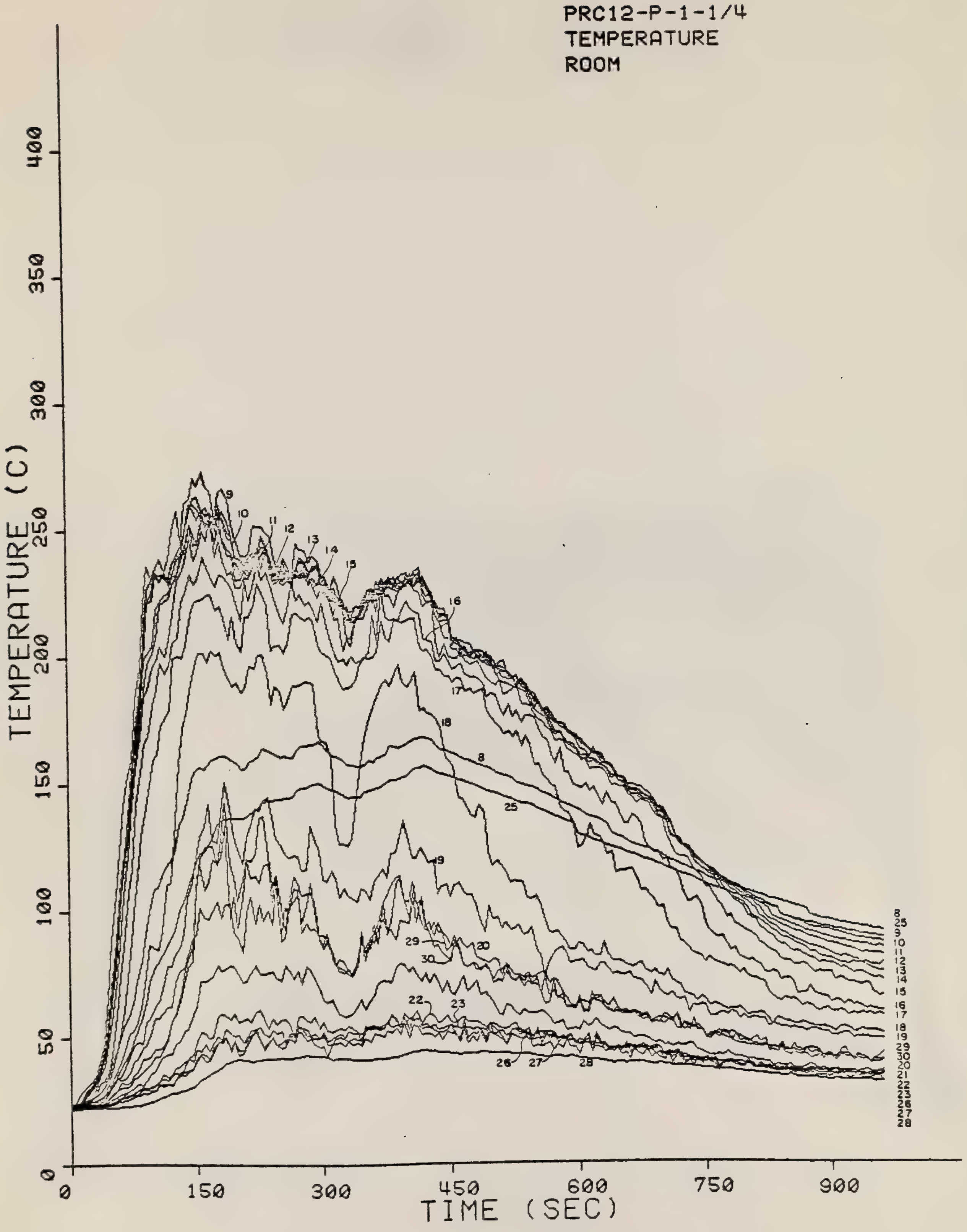
28
26



PRC13-W-2-1/4
TEMPERATURE
ROOM


PRC17-W-4-1/4
TEMPERATURE
ROOM
TEMPERATURE (C)
0
100
200
300
400
500
600
700
800
TIME (SEC)
0
150
300
450
600
750
900
9
10
11
12
13
14
15
16
17
8
18
25
19
29
30
20
21
22
23
26
27
28
8
9
25
10
TO
17
18
30
19
29
20
28
21
22
23
26
27


PRC19-W-4-1/4
TEMPERATURE
ROOM
TEMPERATURE (C)
0
100
200
300
400
500
600
700
800
TIME (SEC)
0
150
300
450
600
750
900
1
2
3
4
5
6
7
8
9
10
18
19
20
21
22
23
24
25
26
27
28
29
30


PRC12-P-1-1/4
TEMPERATURE
ROOM
TEMPERATURE (C)
0
50
100
150
200
250
300
350
400
TIME (SEC)
0
150
300
450
600
750
900
8
9
10
11
12
13
14
15
16
17
18
19
20
22
23
25
26
27
28
29
30
8
25
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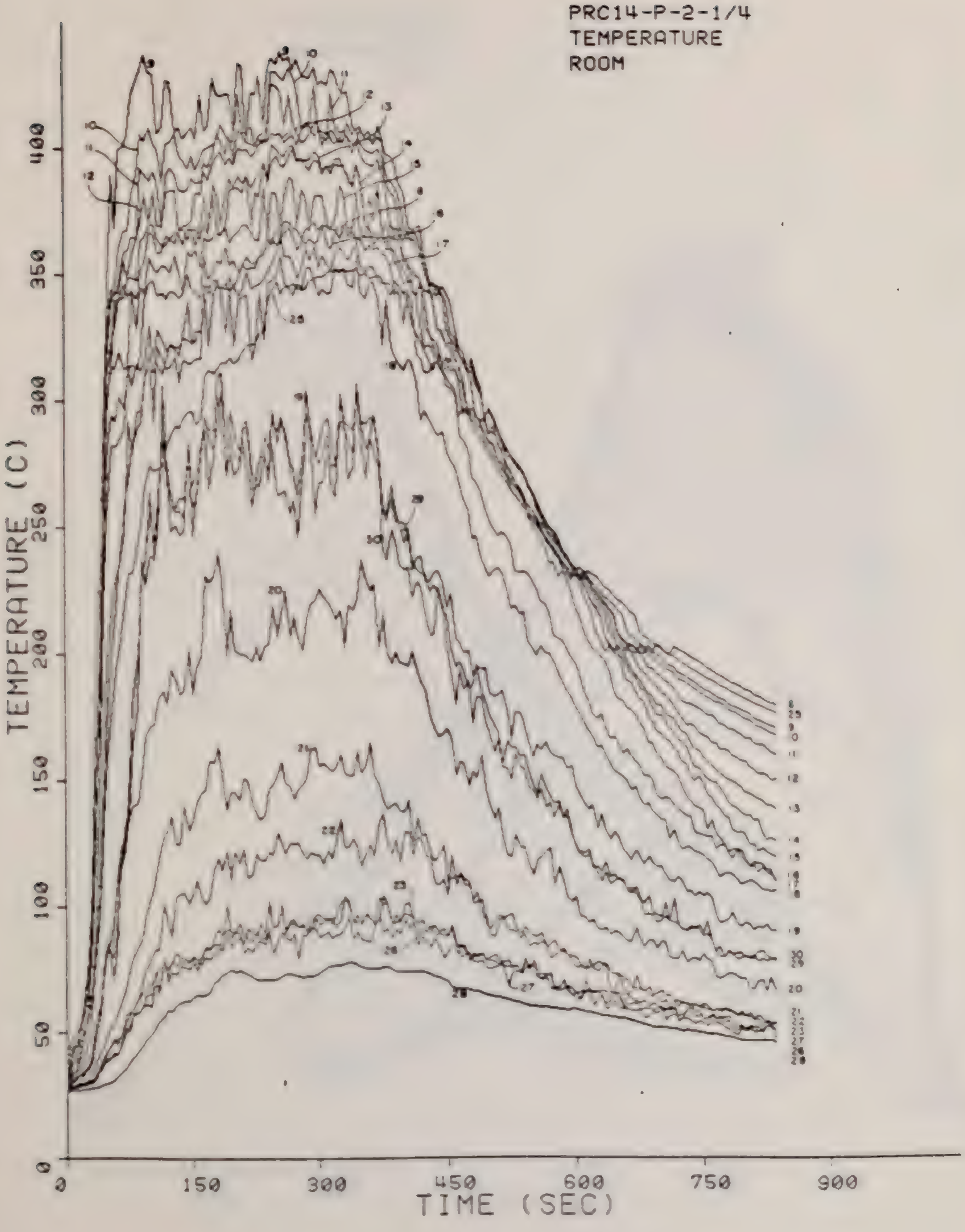
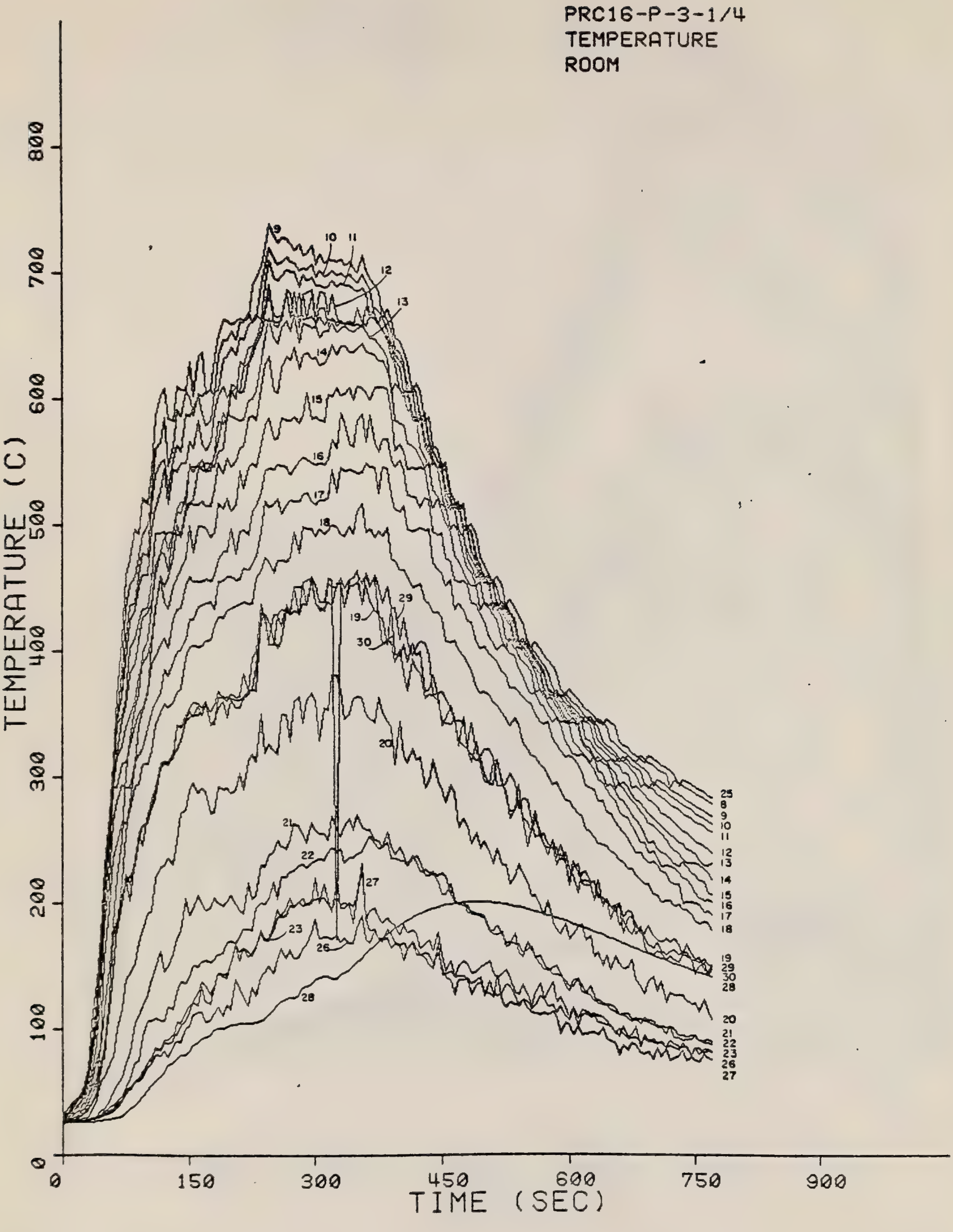
10
11
12
13
14
15
16
17
18
19
29
30
20
21
22
23
26
27
28


PRC14-P-2-1/4
TEMPERATURE
ROOM
TEMPERATURE (C)
TIME (SEC)
0
50
100
150
200
250
300
350
400
0
150
300
450
600
750
900
25
30
29
20
22
23
26
27
28
6
25
9
10
11
12
13
14
15
16
17
18
19
30
29
20
21
22
23
27
26
28


PRC16-P-3-1/4
TEMPERATURE
ROOM
TEMPERATURE (C)
0
100
200
300
400
500
600
700
800
TIME (SEC)
0
150
300
450
600
750
900
9
10
11
12
13
14
15
16
17
18
19
29
30
20
21
22
27
23
26
28
25
8
9
10
11
12
13
14
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16
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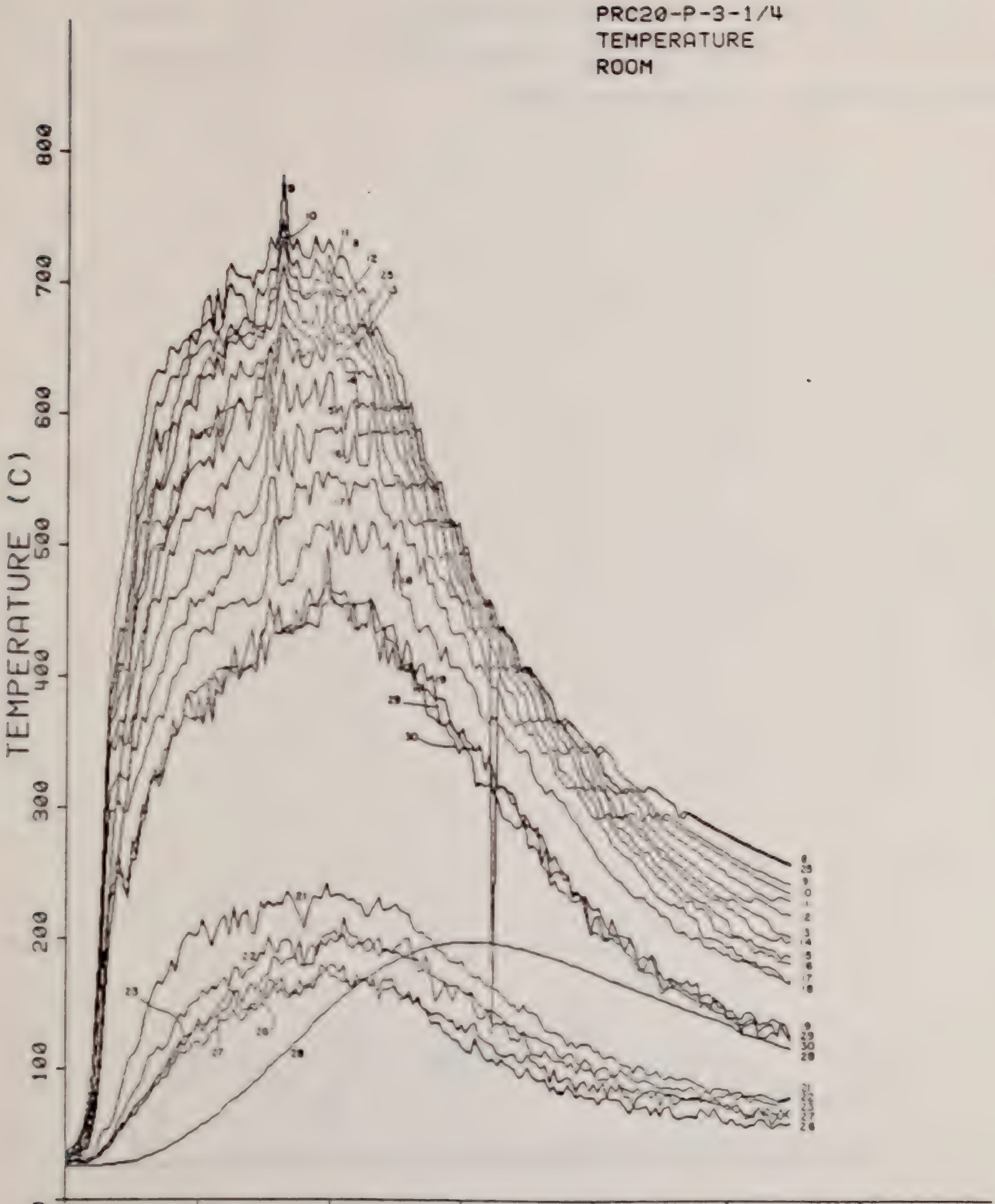
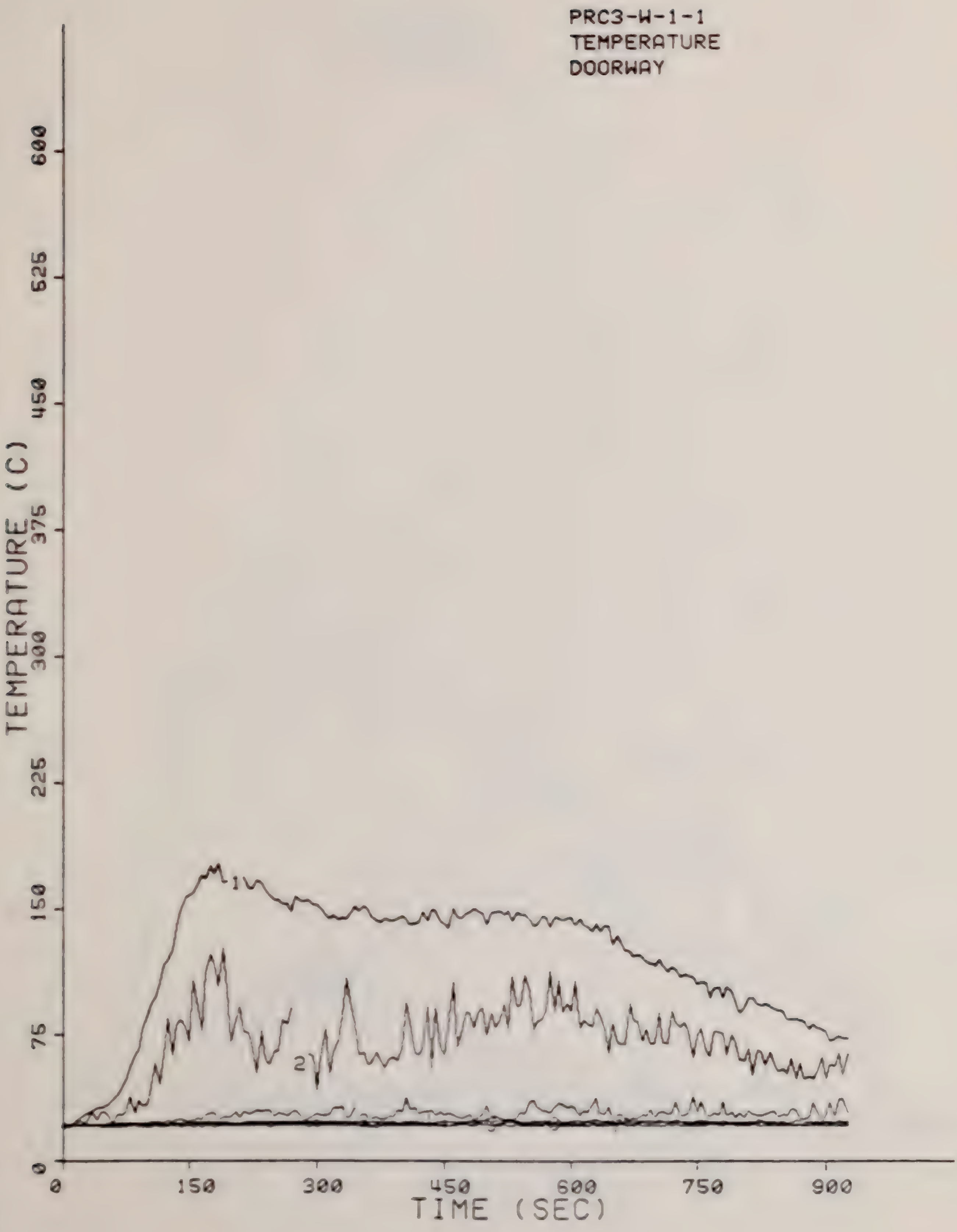
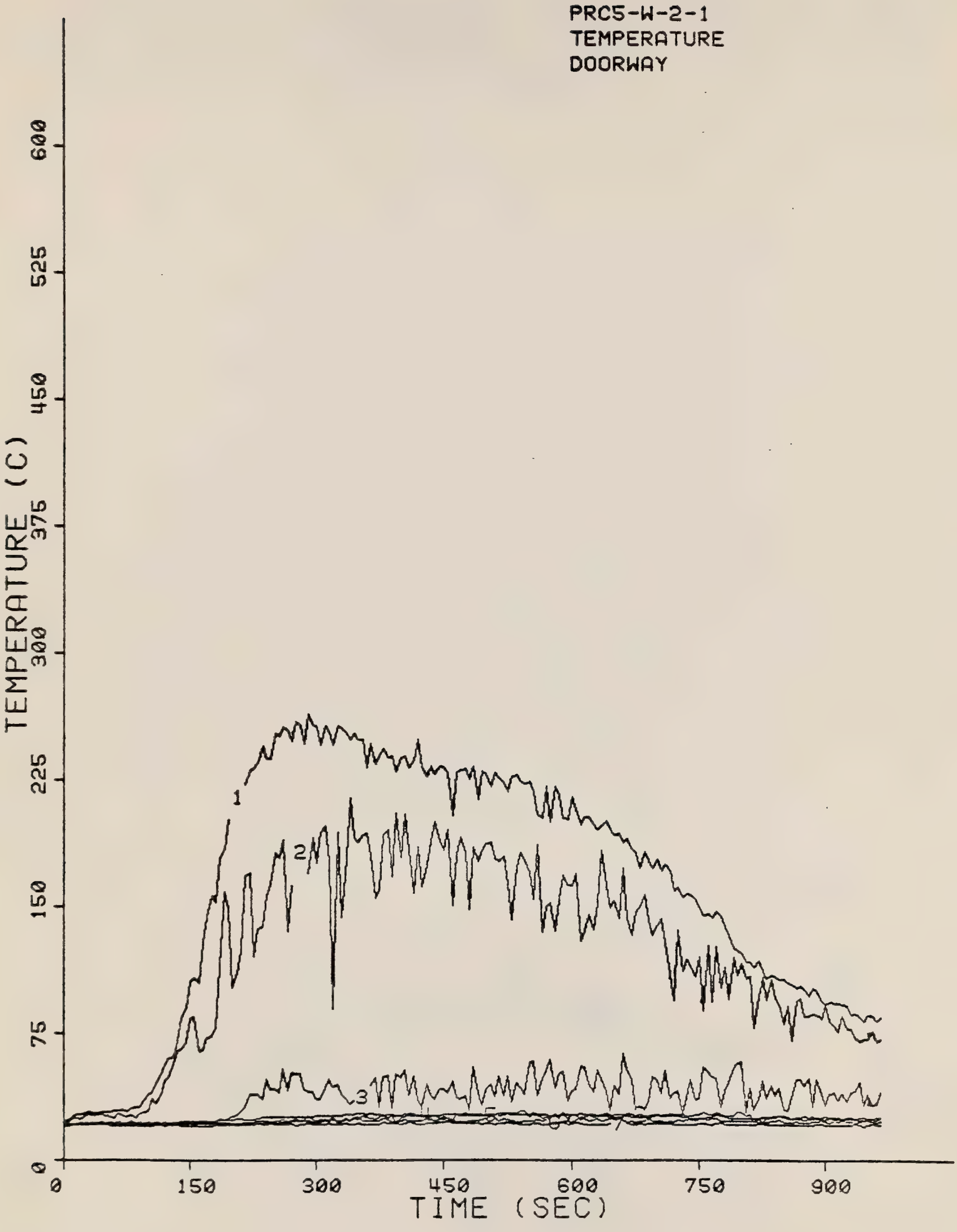
30
28
20
21
22
23
26
27

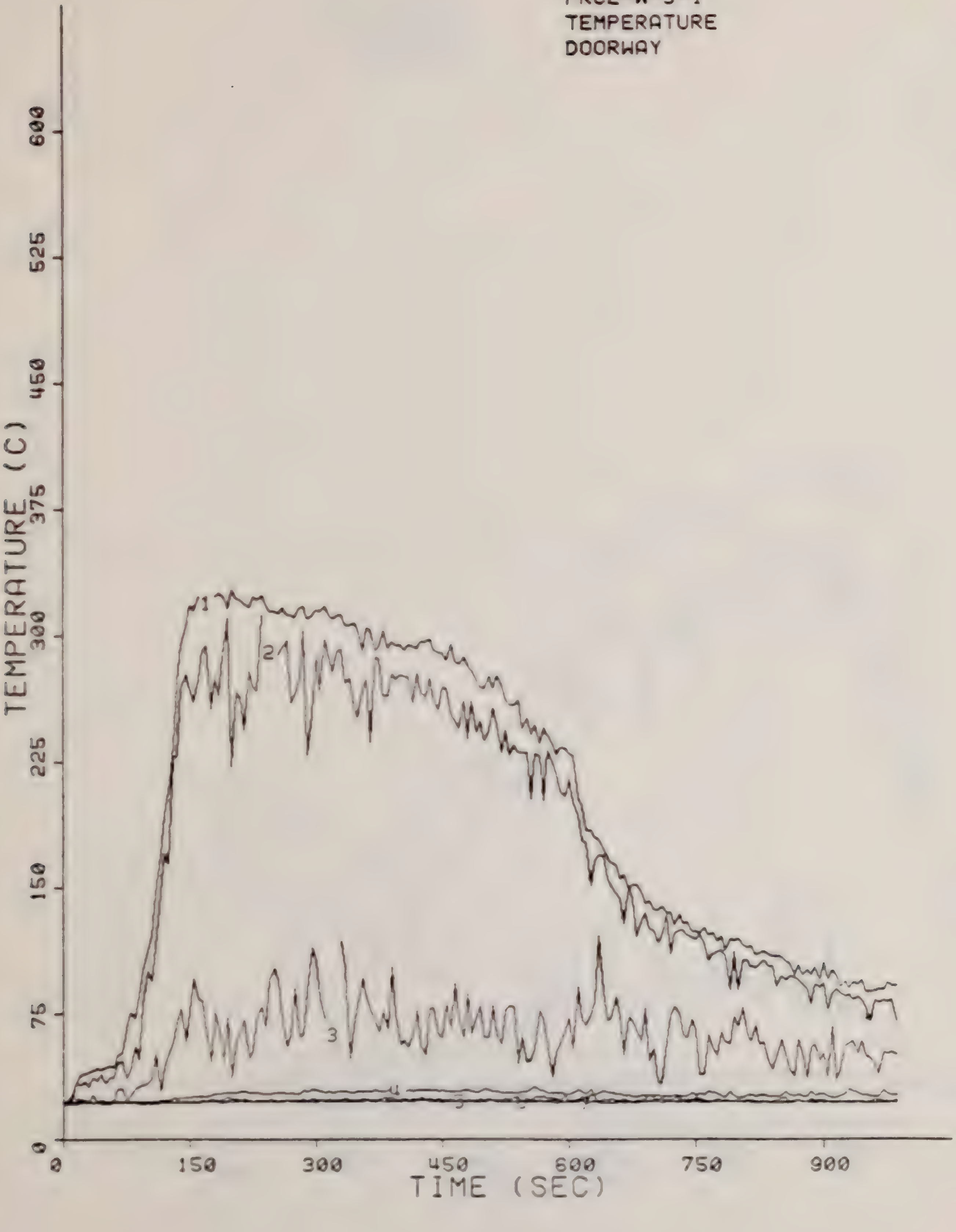

PRC20-P-3-1/4
TEMPERATURE
ROOM
TEMPERATURE (C)
TIME (SEC)
0
100
200
300
400
500
600
700
800
0
150
300
450
600
750
900
10
12
25
3
21
22
23
26
27
28
29
30

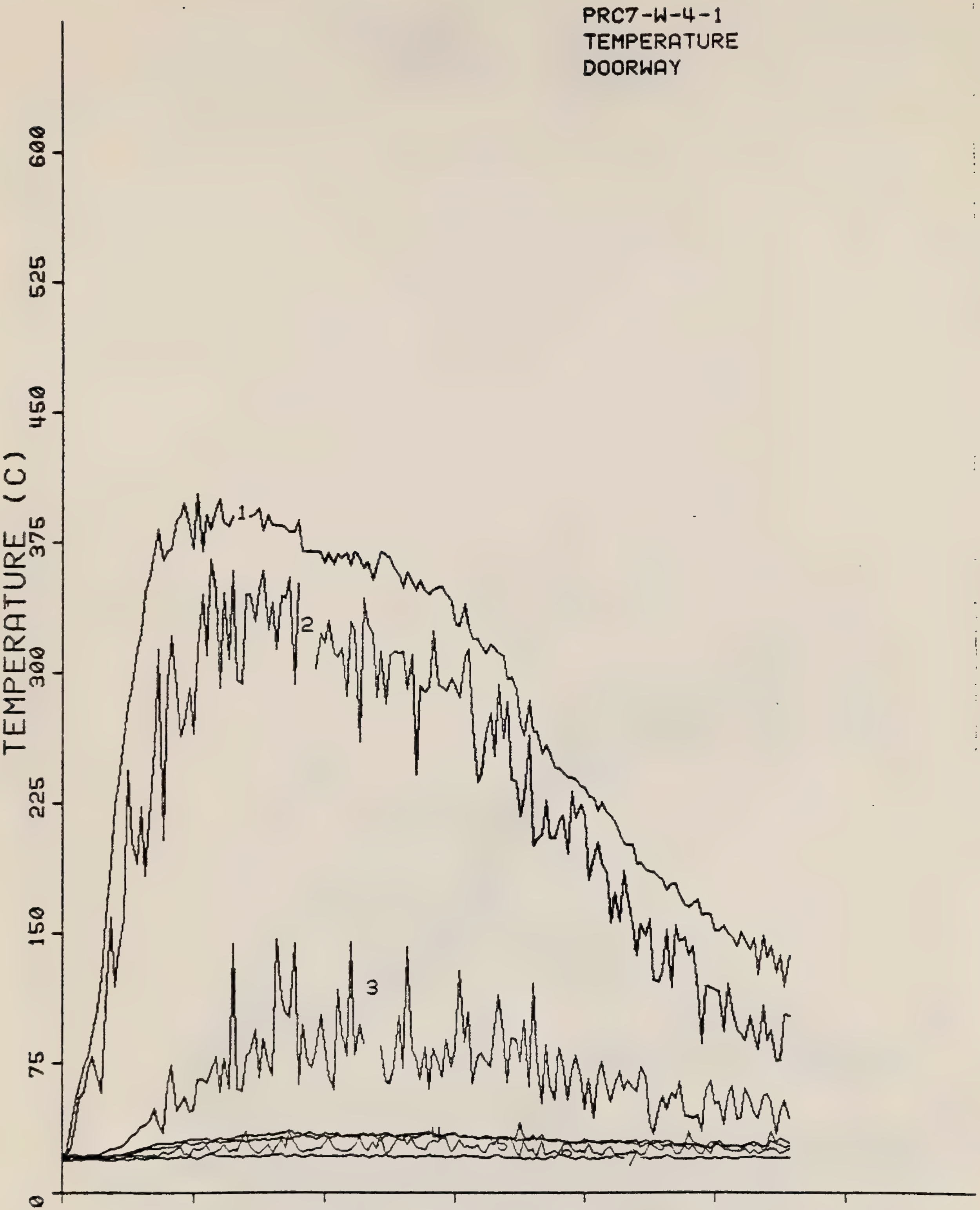
3. DOORWAY TEMPERATURES

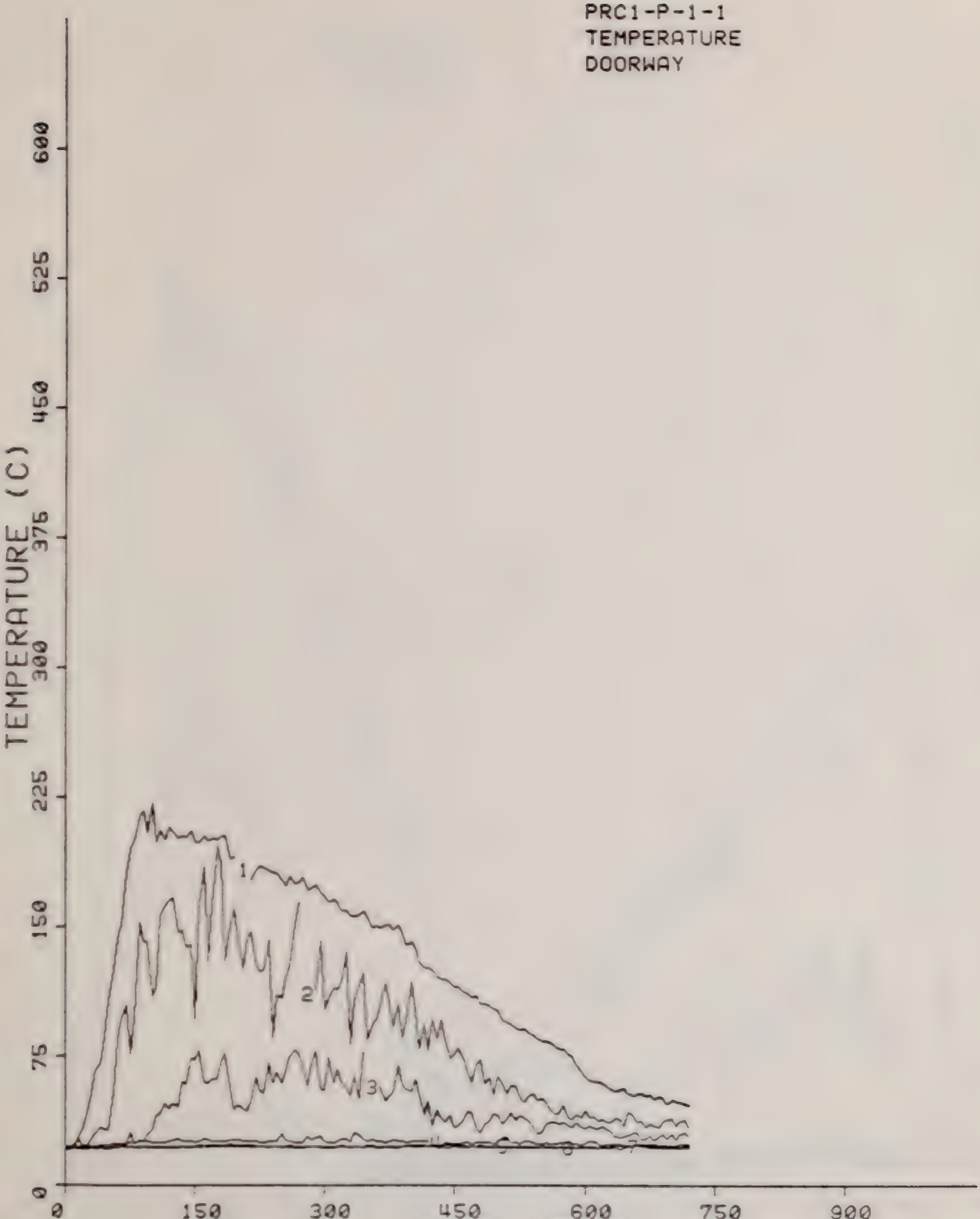
Doorway temperatures measured as described in volume 1 [1]. Section 2.3.1 is shown as a function of time in figures 3-1 to 3-20. The curves are labeled according to thermocouple number.

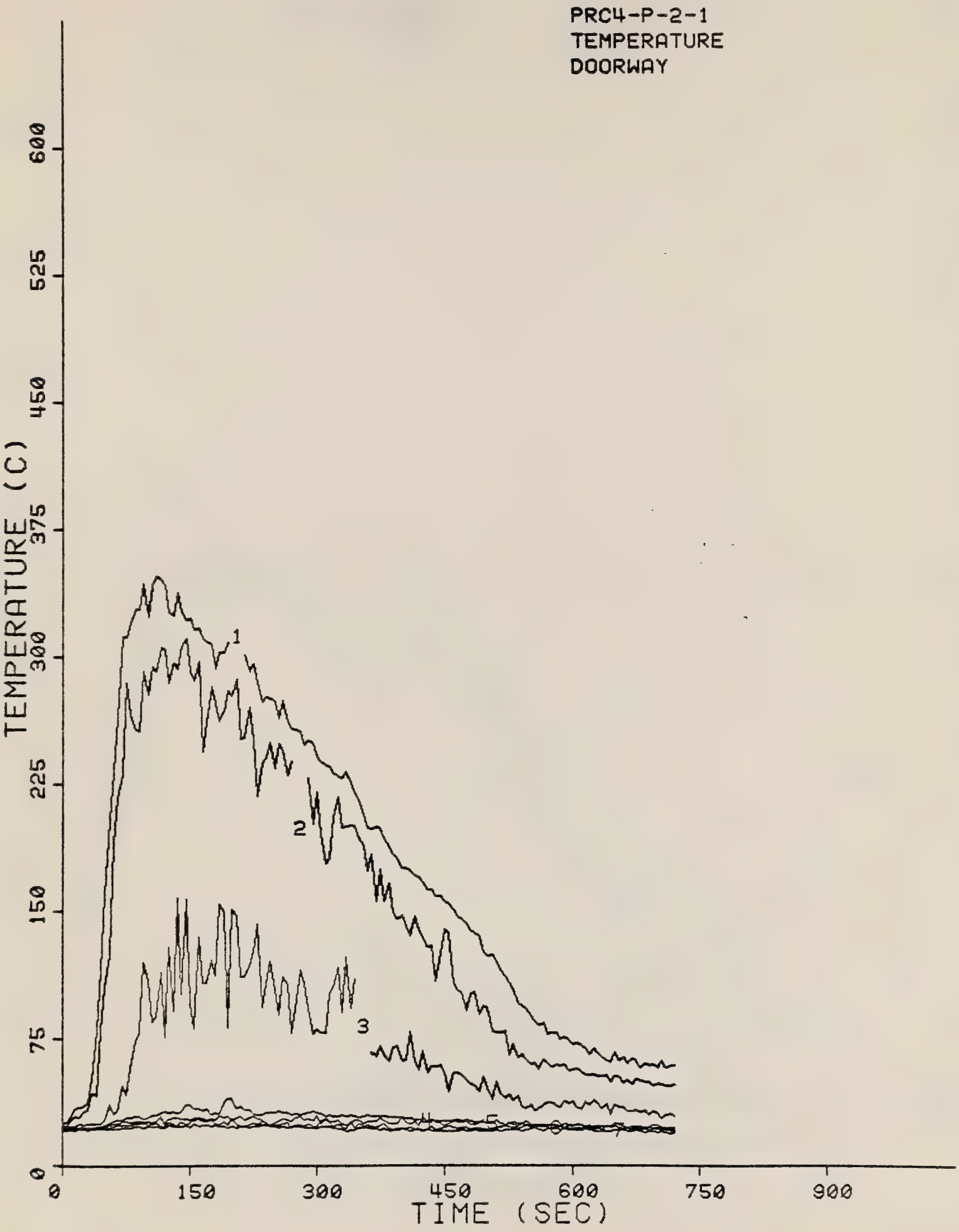

PRC3-W-1-1
TEMPERATURE
DOORWAY
TEMPERATURE (C)
600
525
450
375
300
225
150
75
0
TIME (SEC)
0
150
300
450
600
750
900
1
2

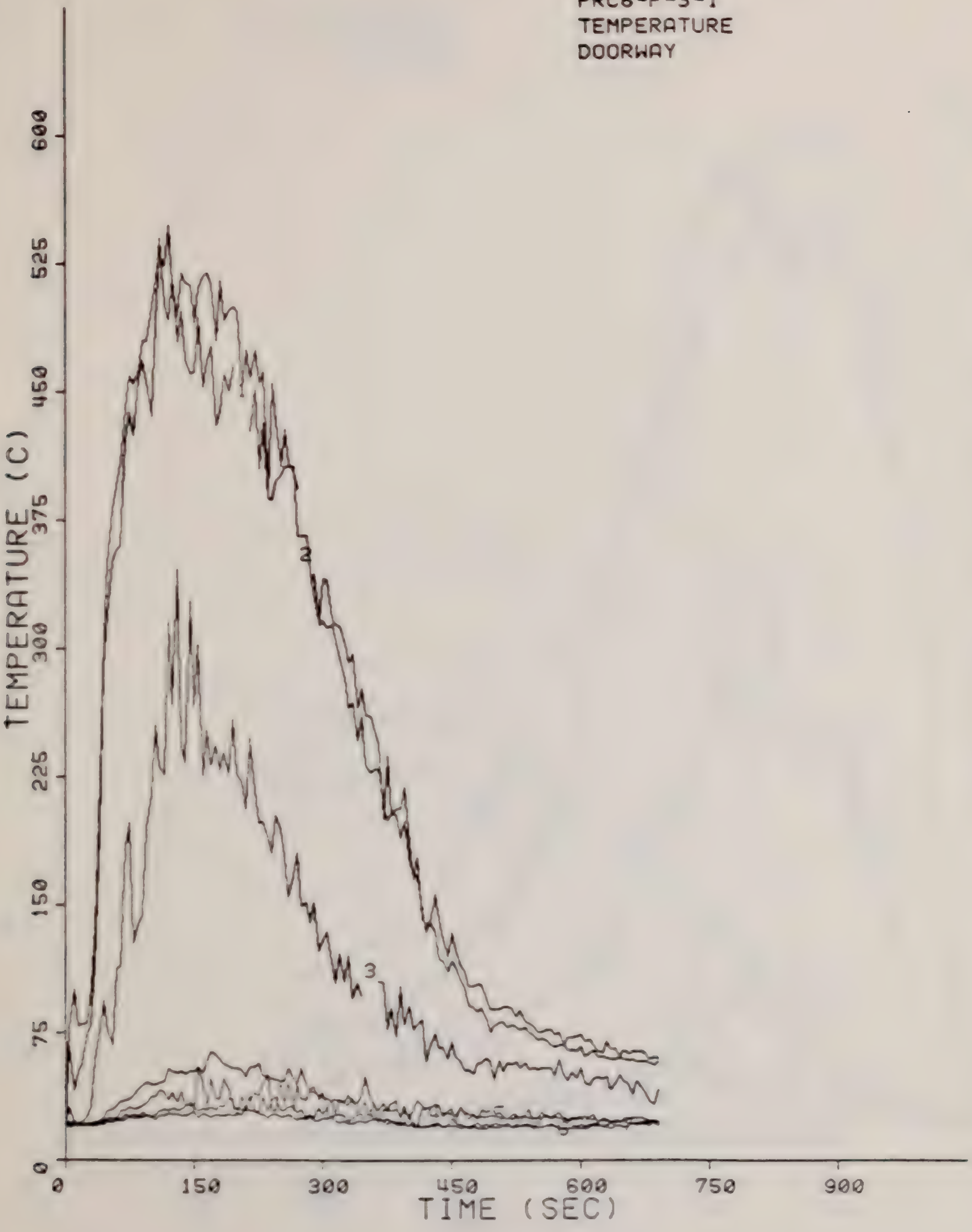

PRC5-W-2-1
TEMPERATURE
DOORWAY
TEMPERATURE (C)
0
75
150
225
300
375
450
525
600
TIME (SEC)
0
150
300
450
600
750
900
1
2
3

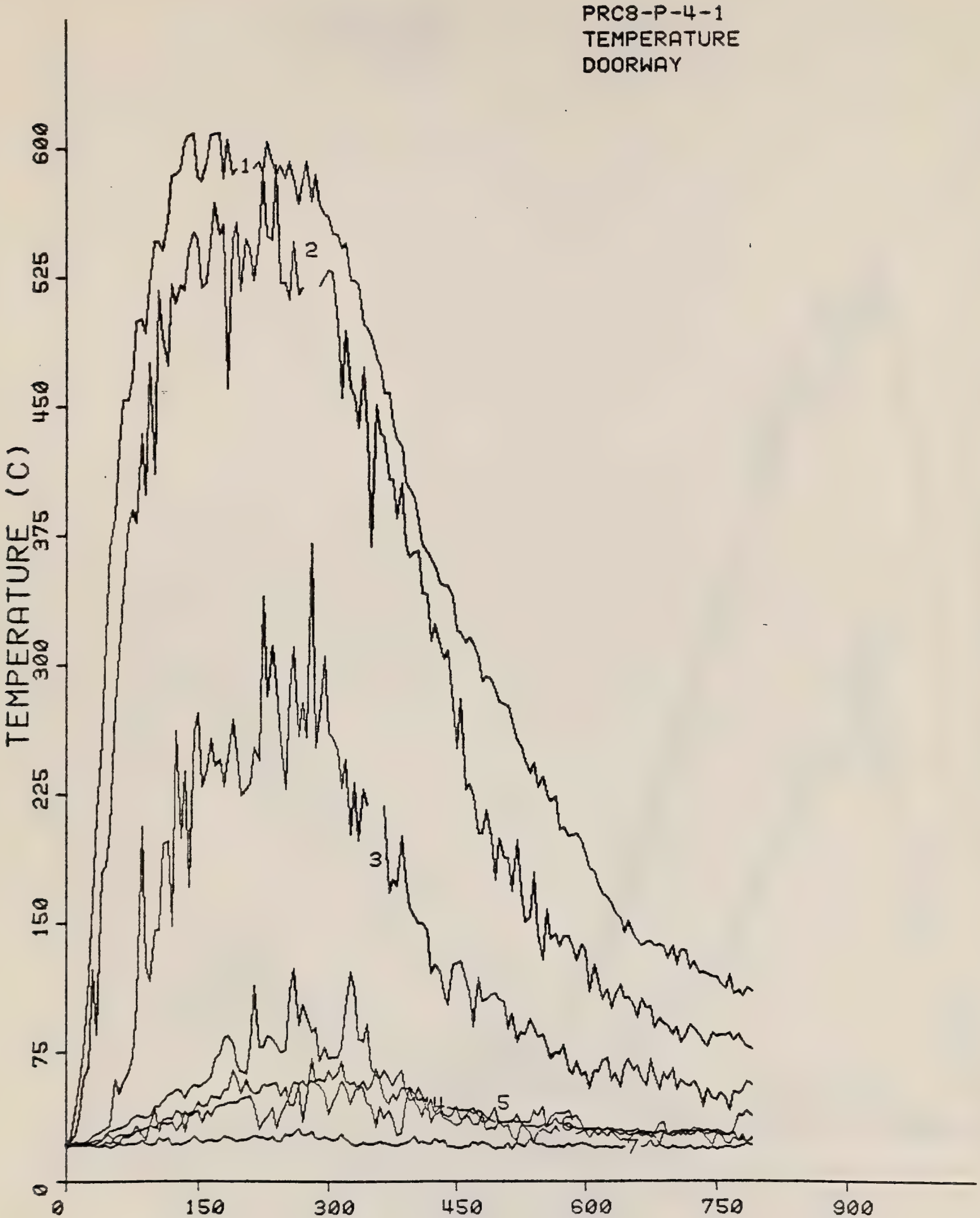
PRC2-W-3-1
TEMPERATURE
DOORWAY
TEMPERATURE (C)
0
75
150
225
300
375
450
525
600
TIME (SEC)
0
150
300
450
600
750
900
1
2
3
4
5
6

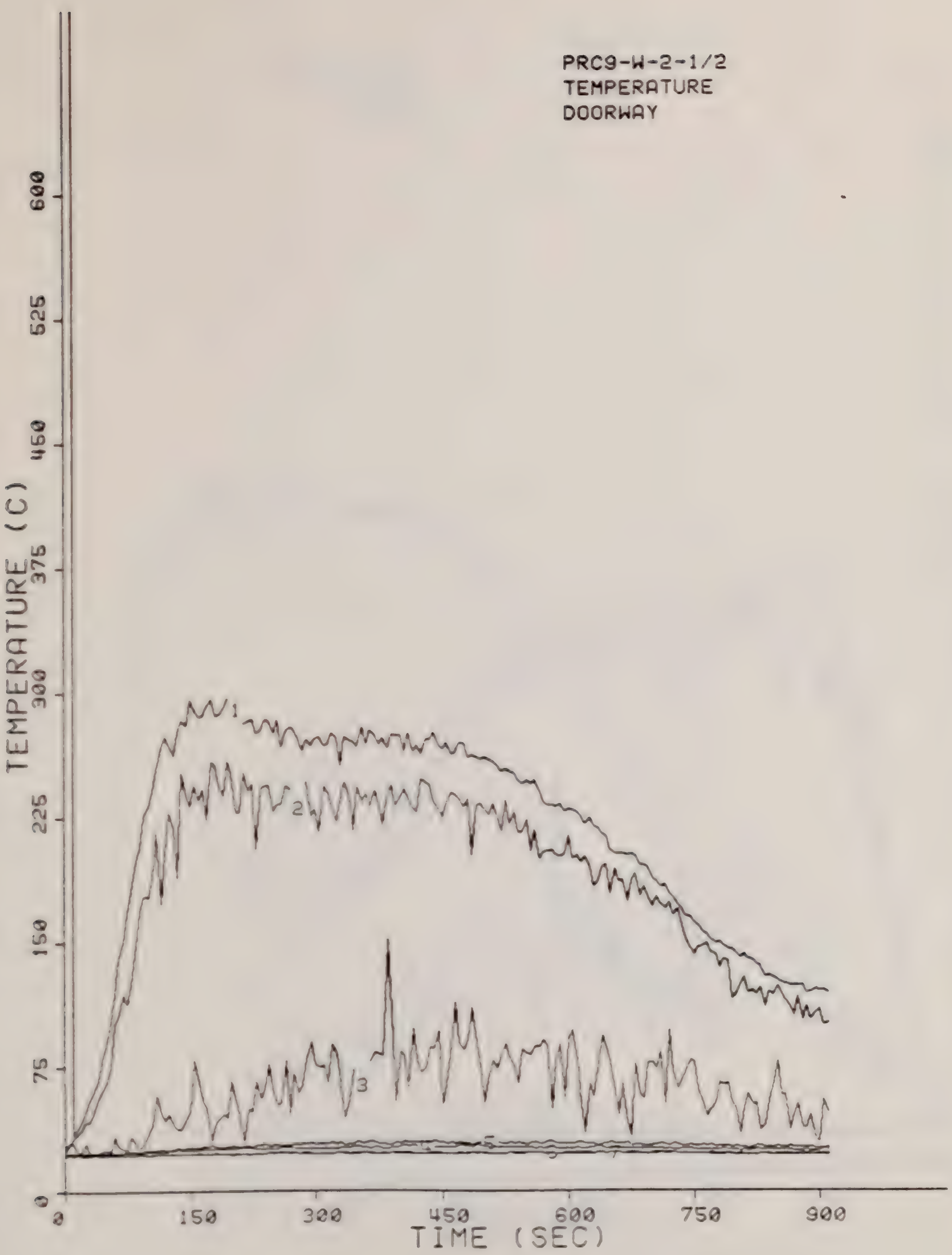

PRC7-W-4-1
TEMPERATURE
DOORWAY
TEMPERATURE (C)
0
75
150
225
300
375
450
525
600
TIME (SEC)
0
150
300
450
600
750
900
1
2
3
4
5
6
7

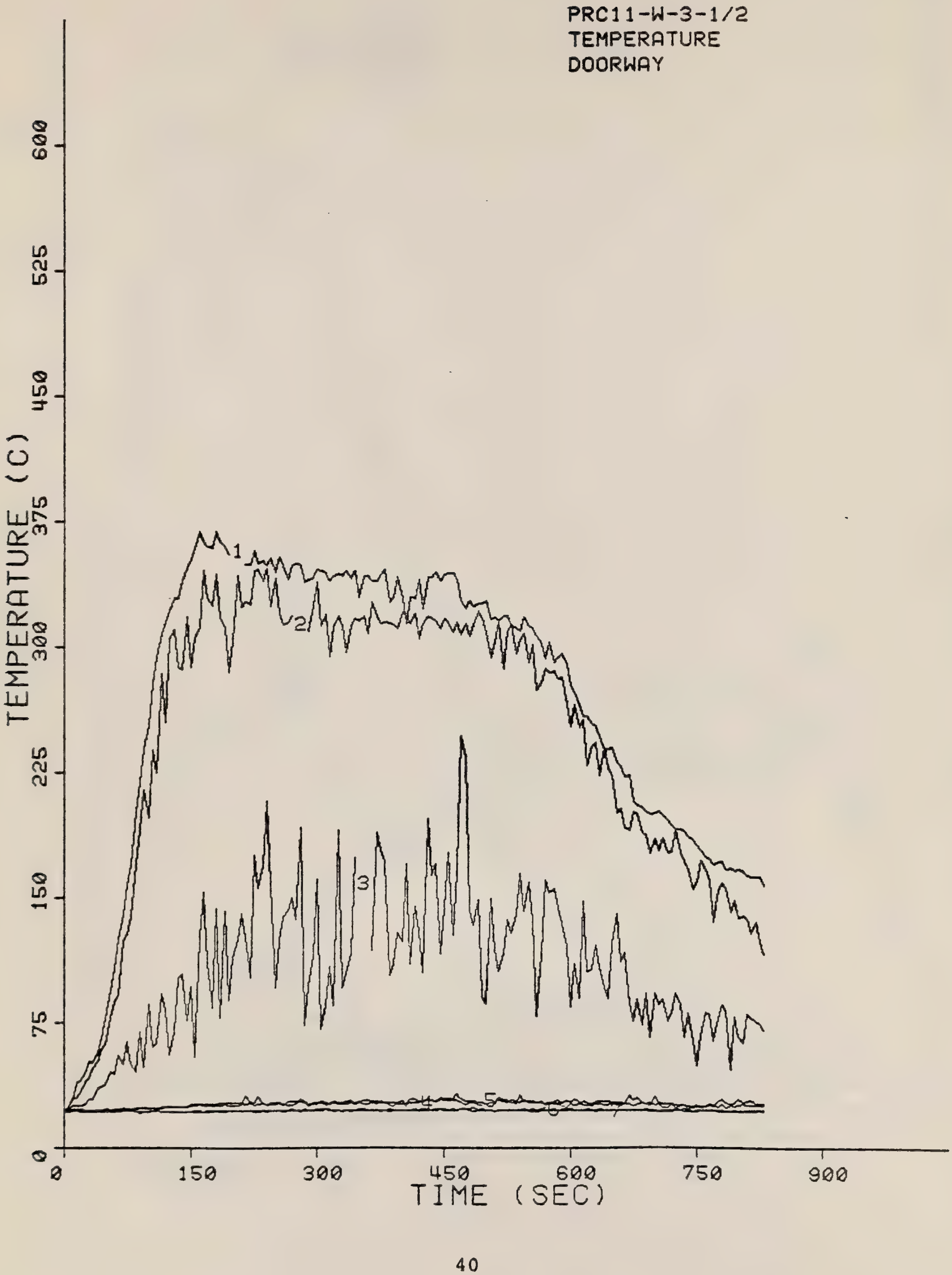

PRC1-P-1-1
TEMPERATURE
DOORWAY
TEMPERATURE (C)
0
75
150
225
300
375
450
525
600
TIME (SEC)
0
150
300
450
600
750
900
1
2
3
4
5
6
7

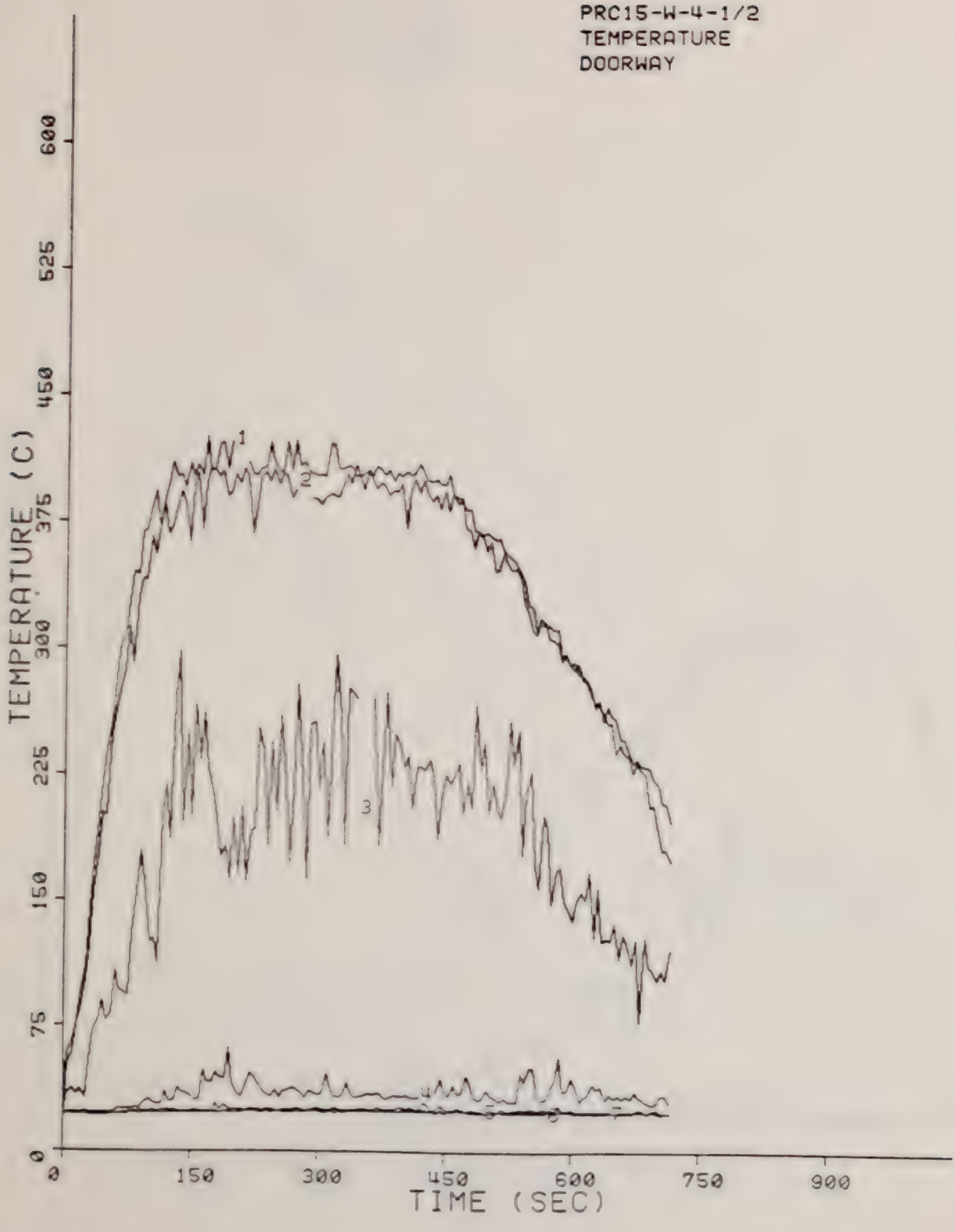

PRC4-P-2-1
TEMPERATURE
DOORWAY
TEMPERATURE (C)
0
75
150
225
300
375
450
525
600
TIME (SEC)
0
150
300
450
600
750
900
1
2
3
4
5

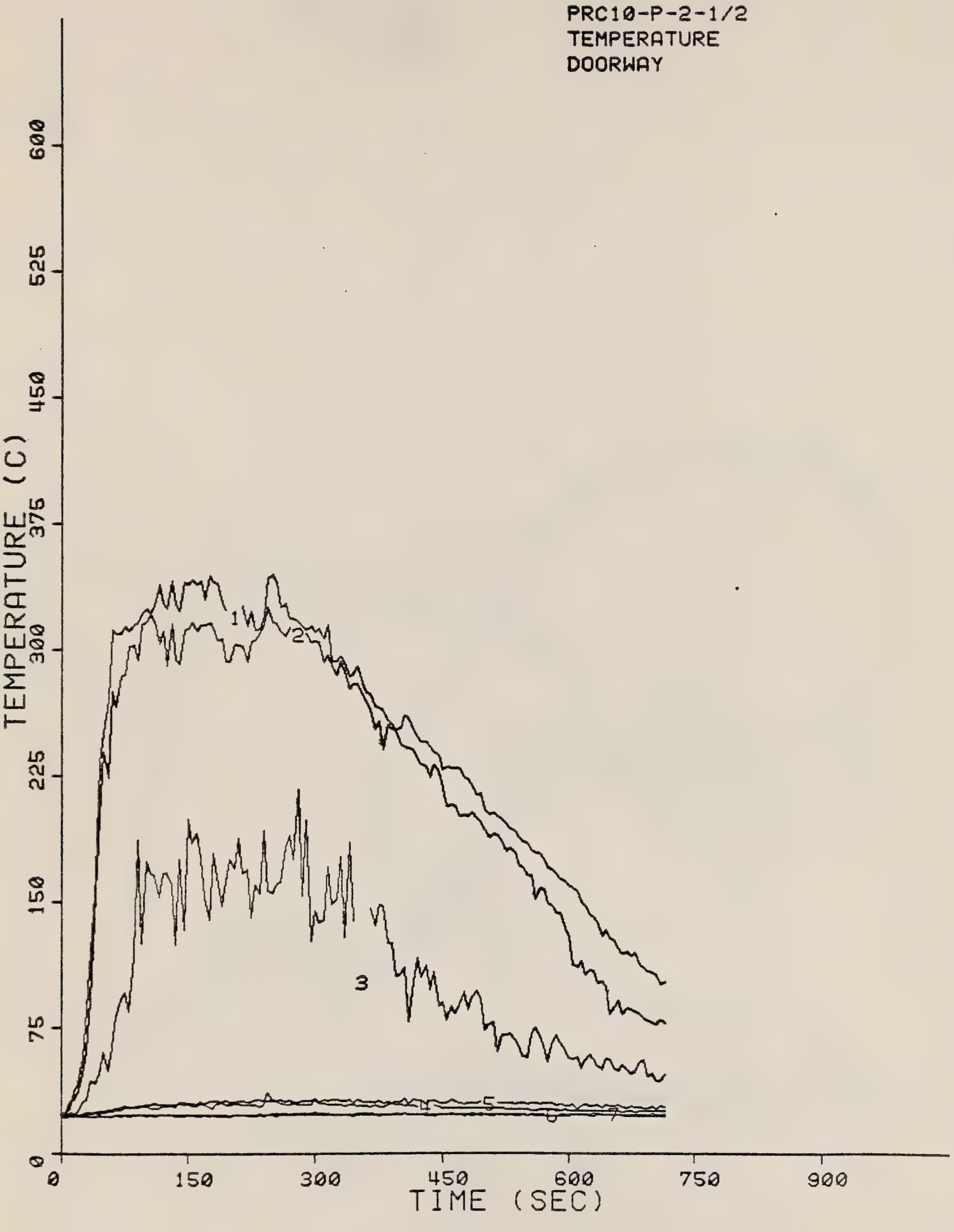

PRC6-P-3-1
TEMPERATURE
DOORWAY
TEMPERATURE (C)
0
75
150
225
300
375
450
525
600
TIME (SEC)
0
150
300
450
600
750
900
2
3

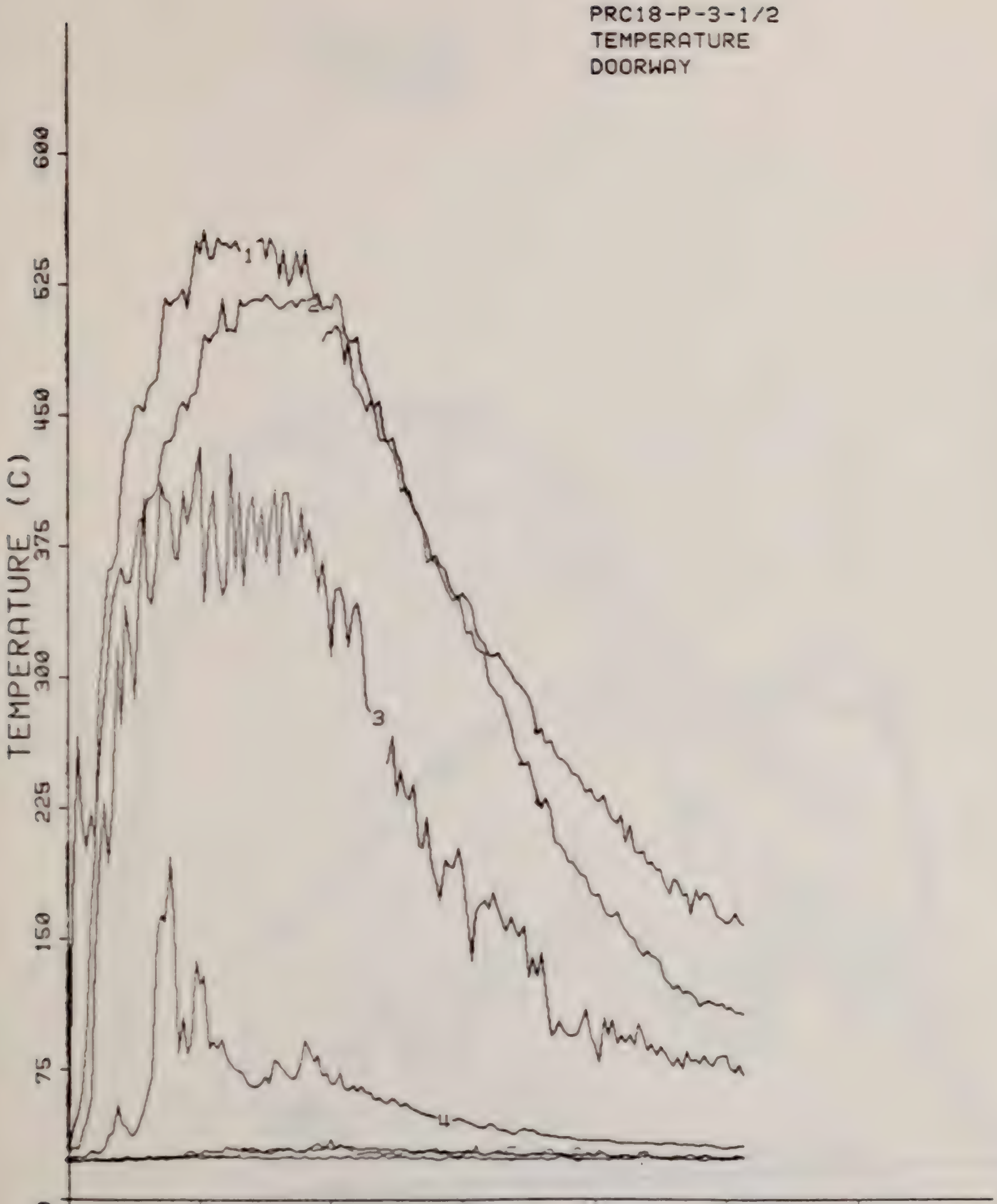

PRC8-P-4-1
TEMPERATURE
DOORWAY
TEMPERATURE (C)
0
75
150
225
300
375
450
525
600
TIME (SEC)
0
150
300
450
600
750
900
1
2
3
4
5
6
7

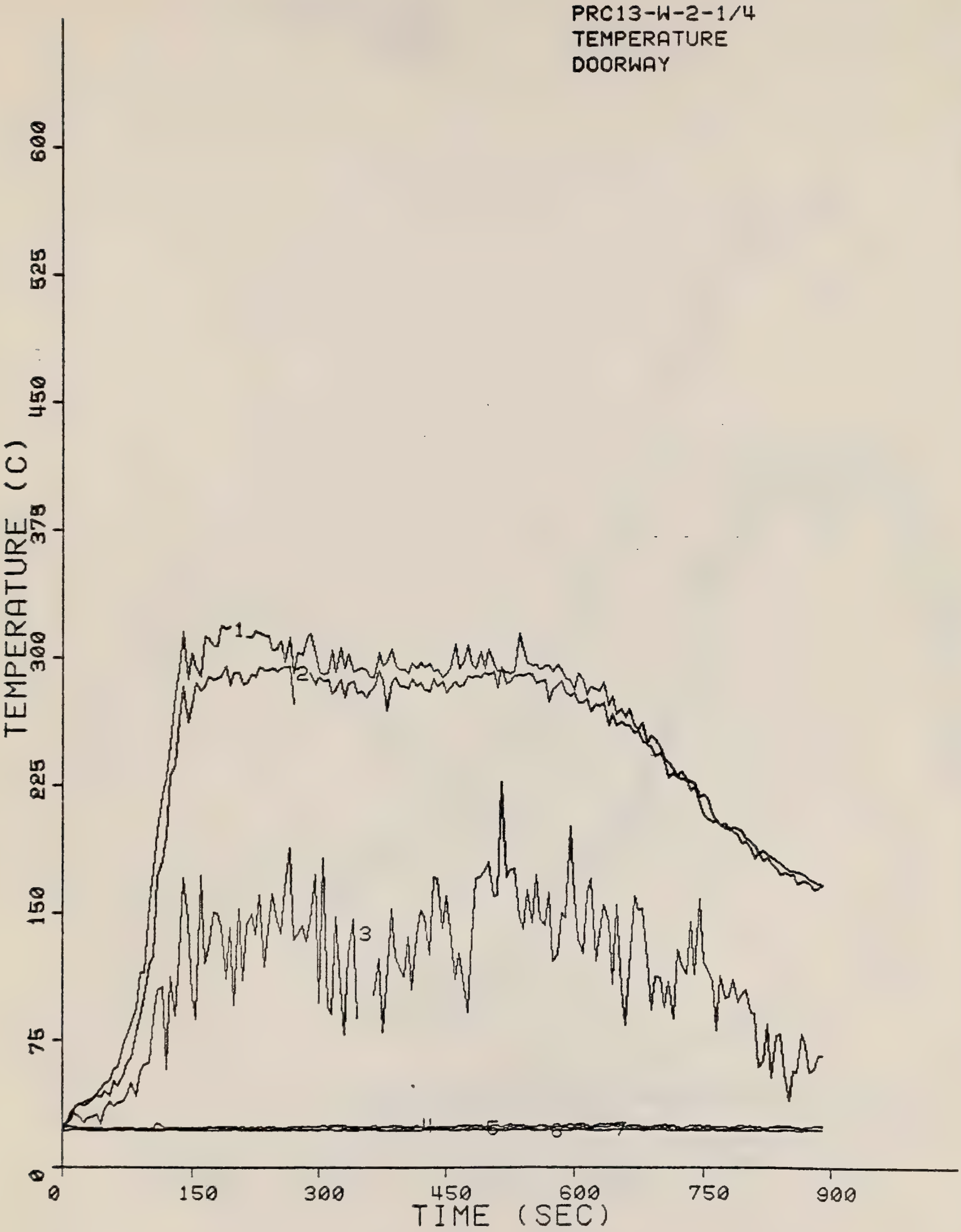

PRC9-W-2-1/2
TEMPERATURE
DOORWAY
TEMPERATURE (C)
0
75
150
225
300
375
450
525
600
TIME (SEC)
0
150
300
450
600
750
900
1
2
3
5

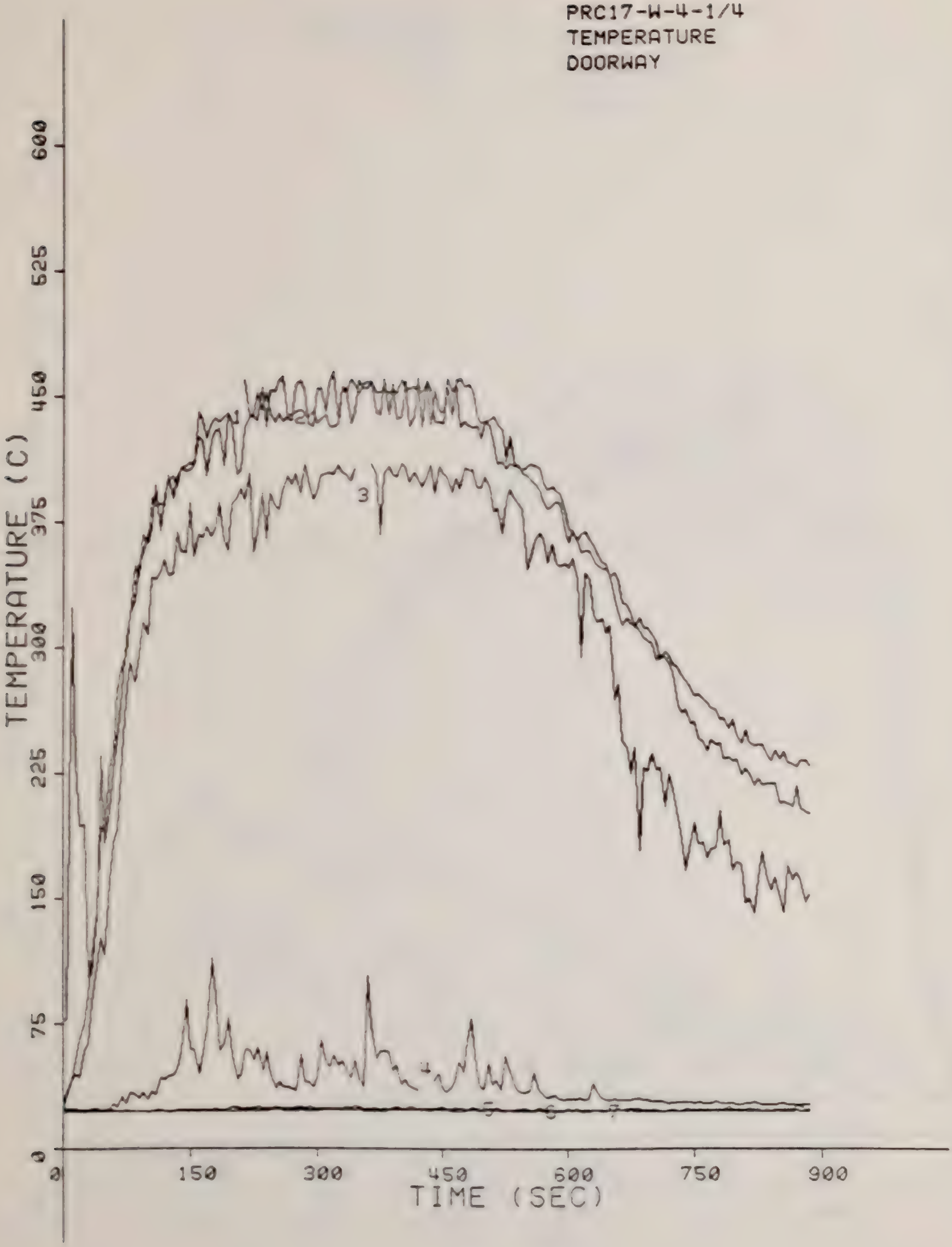

PRC11-W-3-1/2
TEMPERATURE
DOORWAY
TEMPERATURE (C)
0
75
150
225
300
375
450
525
600
TIME (SEC)
0
150
300
450
600
750
900
1
2
3
4
5
6
7


PRC15-W-4-1/2
TEMPERATURE
DOORWAY
TEMPERATURE (C)
0
75
150
225
300
375
450
525
600
TIME (SEC)
0
150
300
450
600
750
900
1
2
3
4
5
6
7

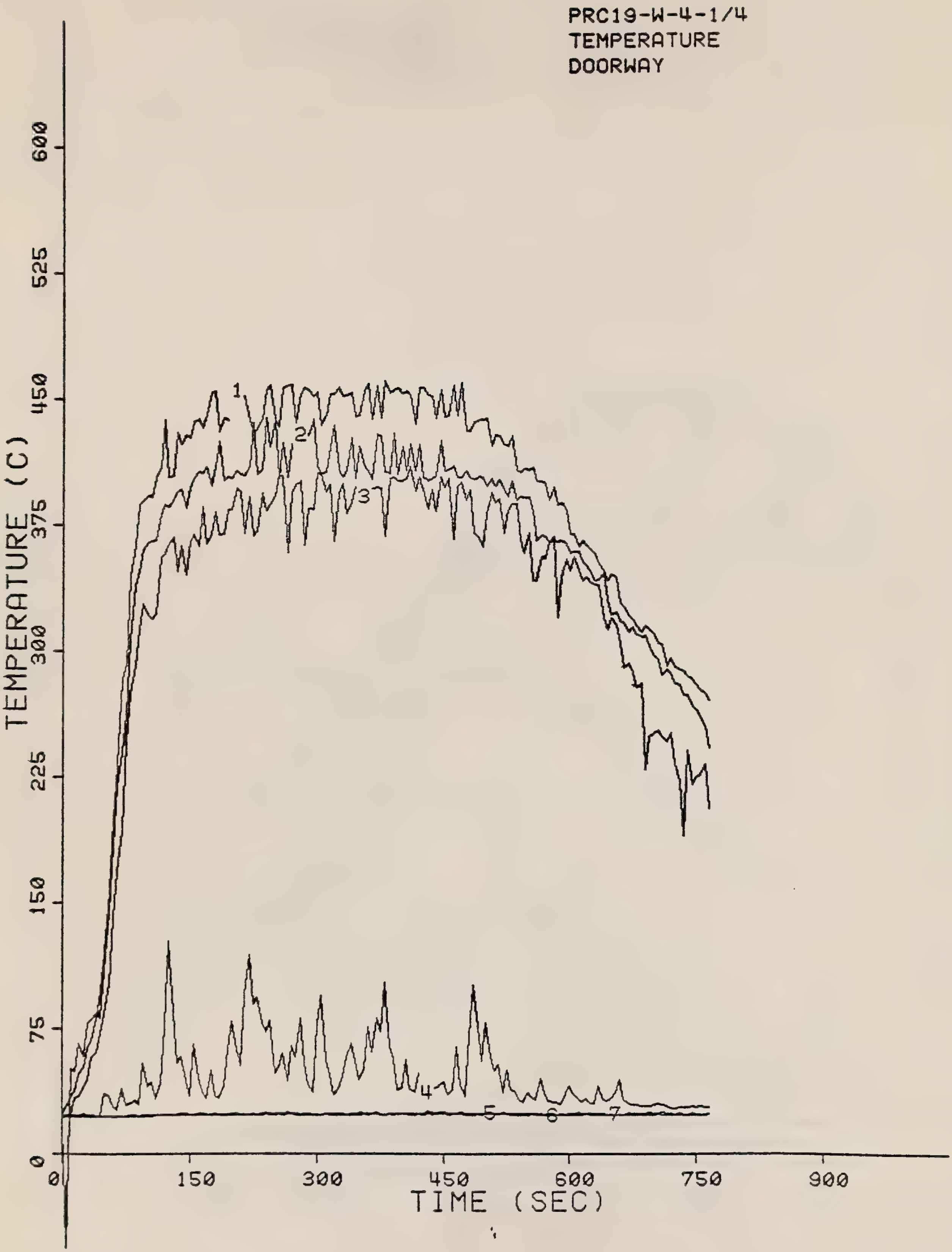

PRC10-P-2-1/2
TEMPERATURE
DOORWAY
TEMPERATURE (C)
0
75
150
225
300
375
450
525
600
TIME (SEC)
0
150
300
450
600
750
900
1
2
3
4
5
6
7

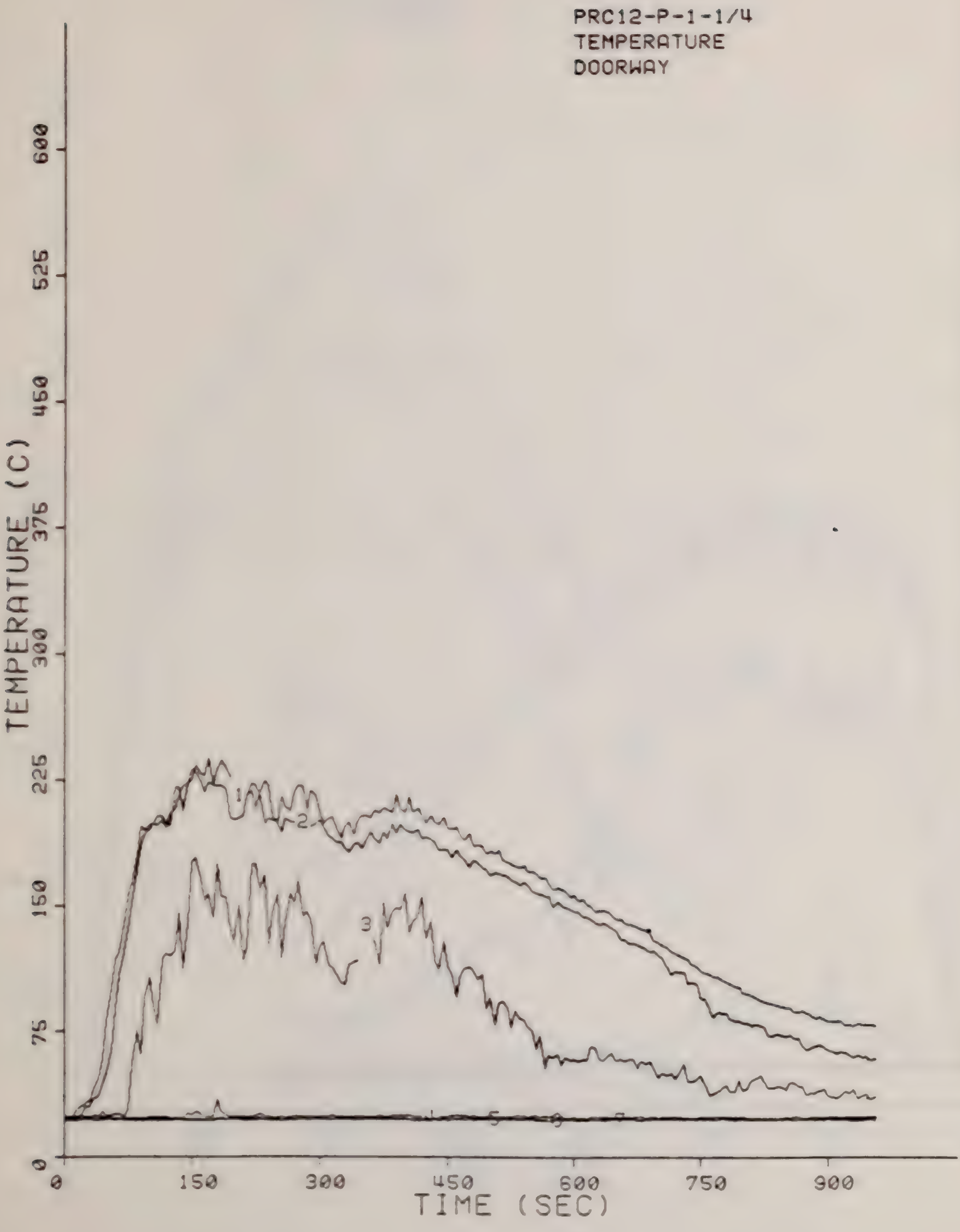

PRC18-P-3-1/2
TEMPERATURE
DOORWAY
TEMPERATURE (C)
TIME (SEC)
0
75
150
225
300
375
450
525
600
0
150
300
450
600
750
900
1
2
3
4

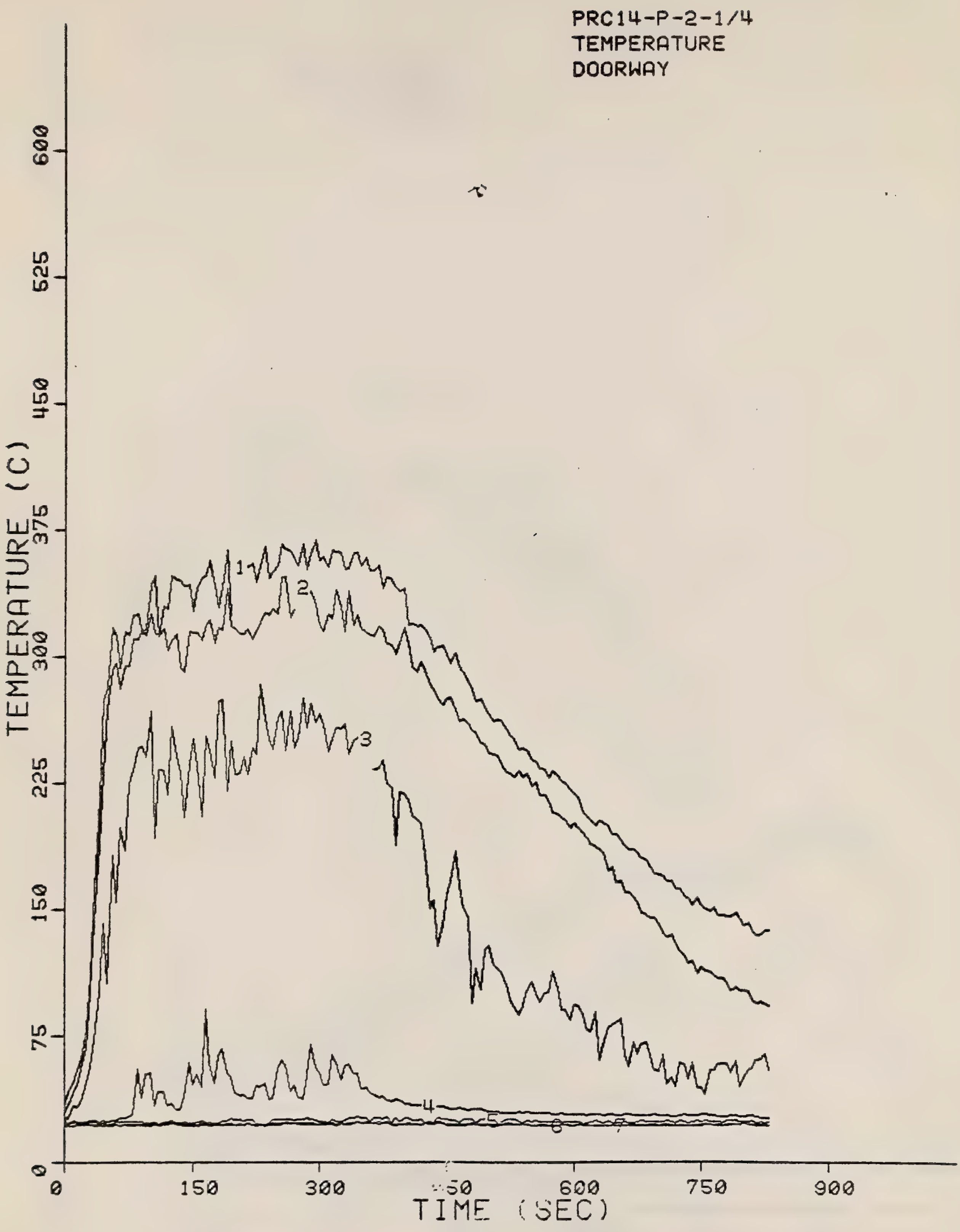

PRC13-W-2-1/4
TEMPERATURE
DOORWAY
TEMPERATURE (C)
0
75
150
225
300
375
450
525
600
TIME (SEC)
0
150
300
450
600
750
900
1
2
3
4
5
6
7

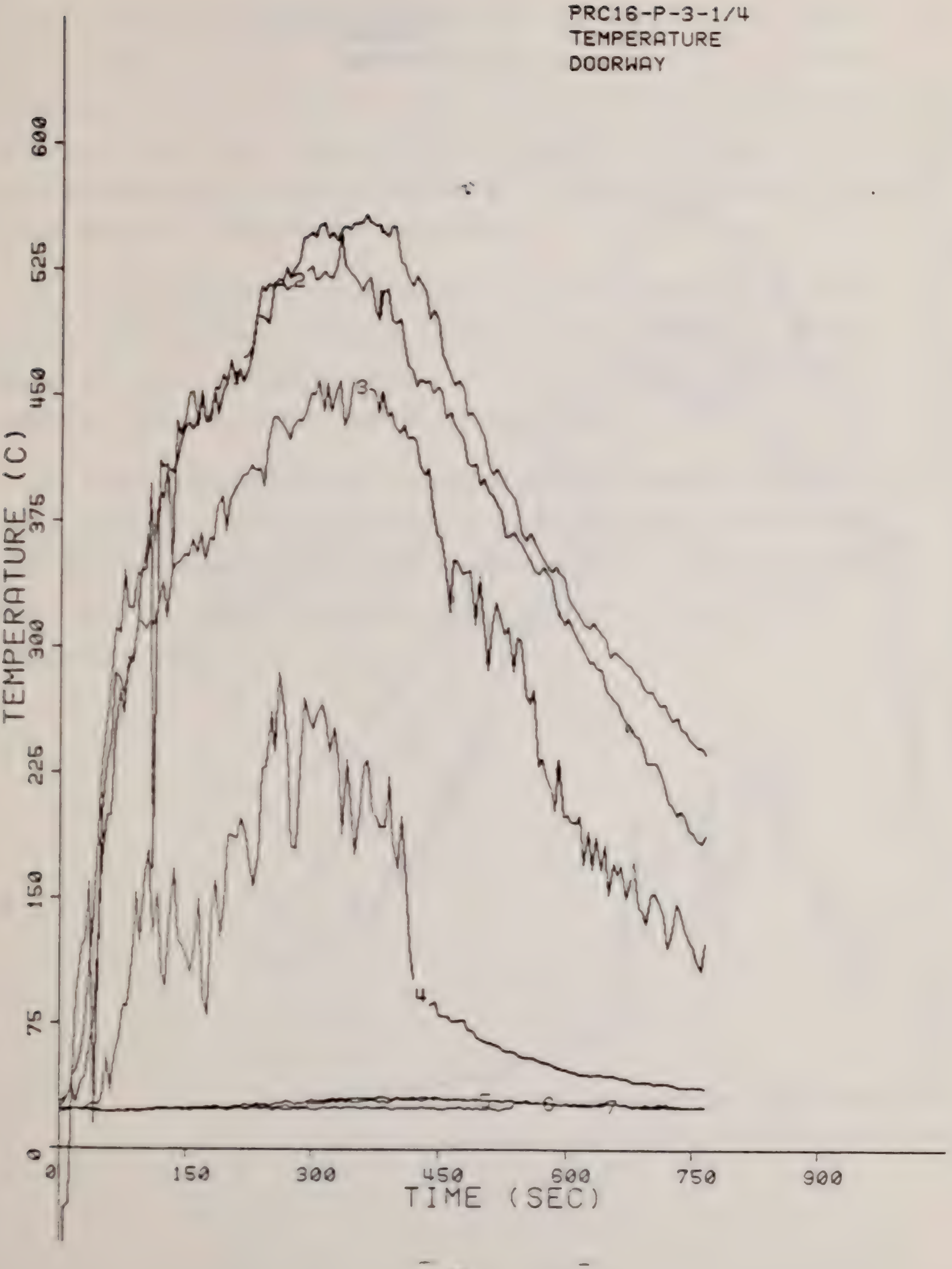


PRC17-W-4-1/4
TEMPERATURE
DOORWAY

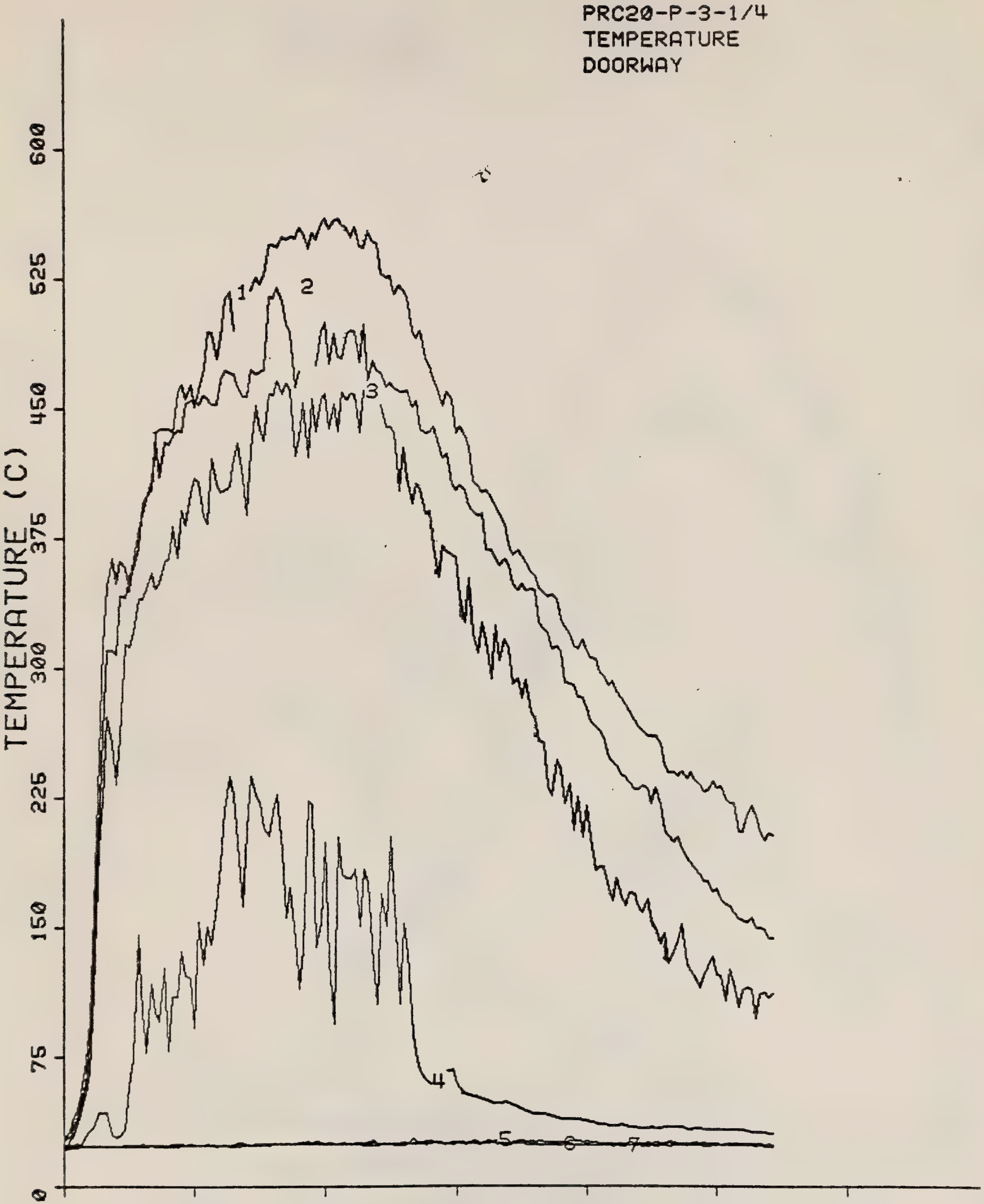

PRC19-W-4-1/4
TEMPERATURE
DOORWAY
TEMPERATURE (C)
0
75
150
225
300
375
450
525
600
TIME (SEC)
0
150
300
450
600
750
900
1
2
3
4
5
6
7


PRC12-P-1-1/4
TEMPERATURE
DOORWAY
TEMPERATURE (C)
600
525
450
375
300
225
150
75
0
TIME (SEC)
0
150
300
450
600
750
900
1
2
3
5


PRC14-P-2-1/4
TEMPERATURE
DOORWAY
TEMPERATURE (C)
0
75
150
225
300
375
450
525
600
TIME (SEC)
0
150
300
450
600
750
900
1
2
3
4
5
6
7



PRC16-P-3-1/4
TEMPERATURE
DOORWAY



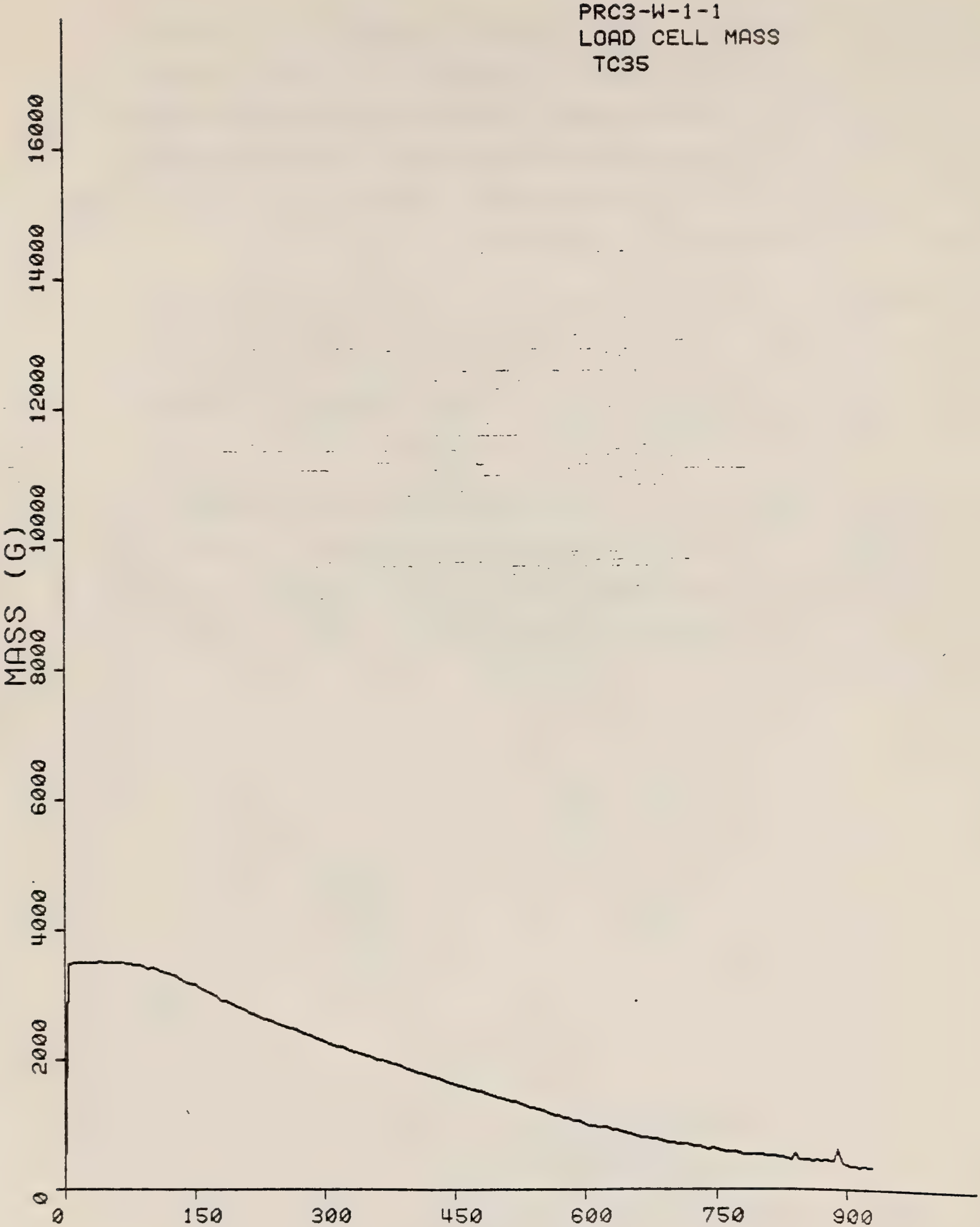
PRC20-P-3-1/4
TEMPERATURE
DOORWAY

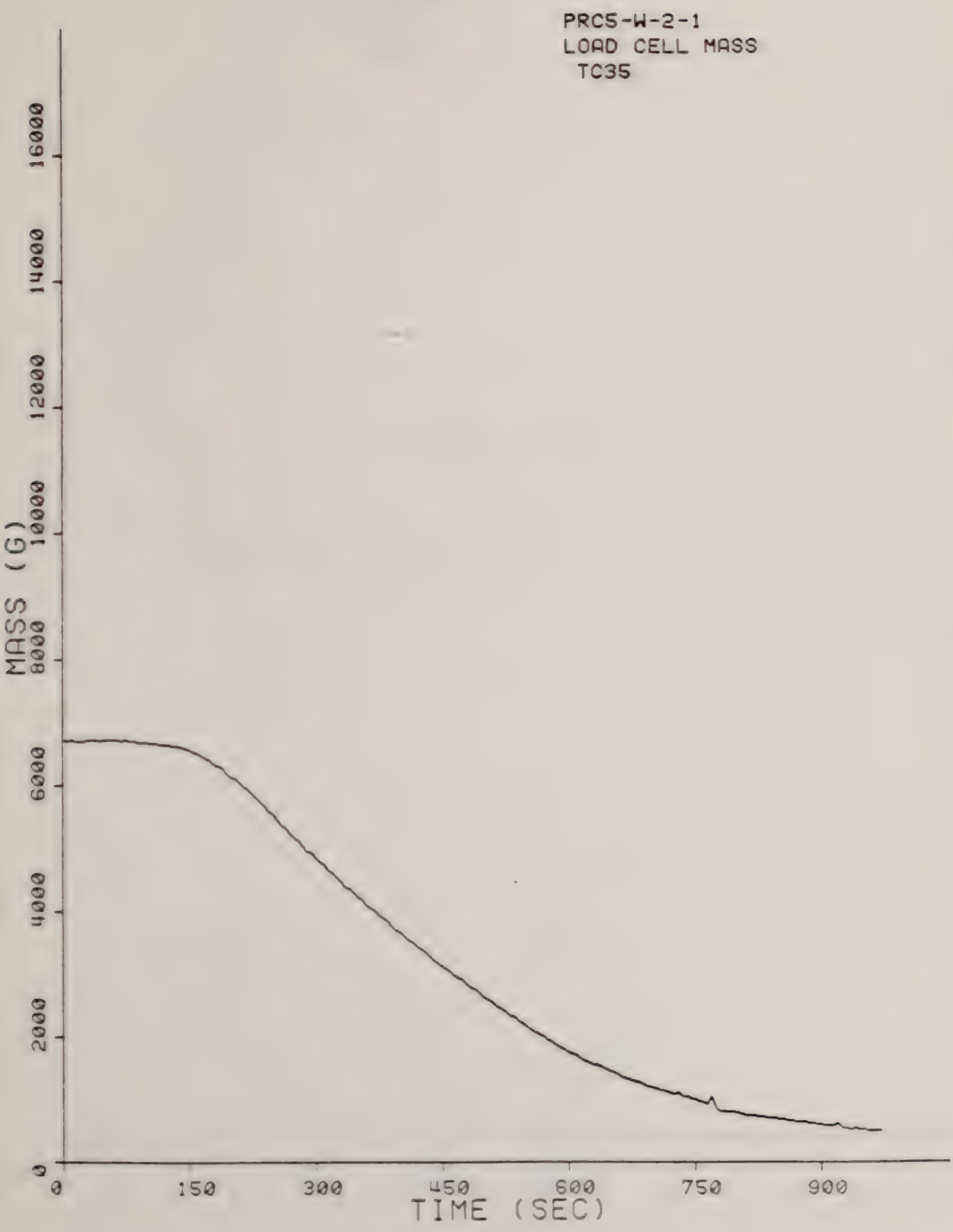
4. CRIB MASS LOSS

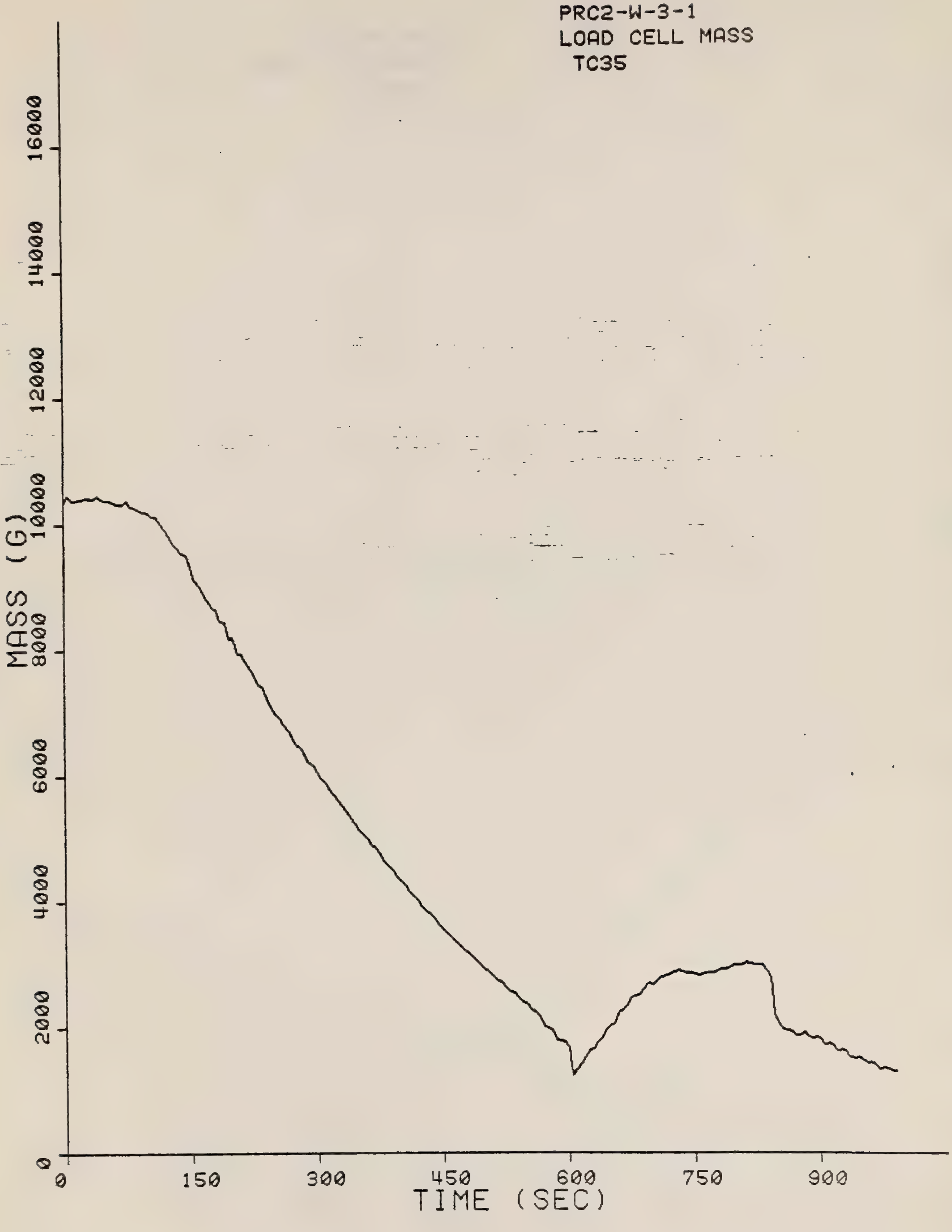
The crib(s) mass monitored as described in volume 1 [1]. Section 2.3.4 is shown as a function of time in figures 4-1 to 4-20. The wood cribs would generally collapse at about 10 minutes after ignition whereas the plastic cribs would swell and char but maintain a structure similar to its original form. The char residue after combustion was about 10 percent for the wood and 13 percent for the plastic.

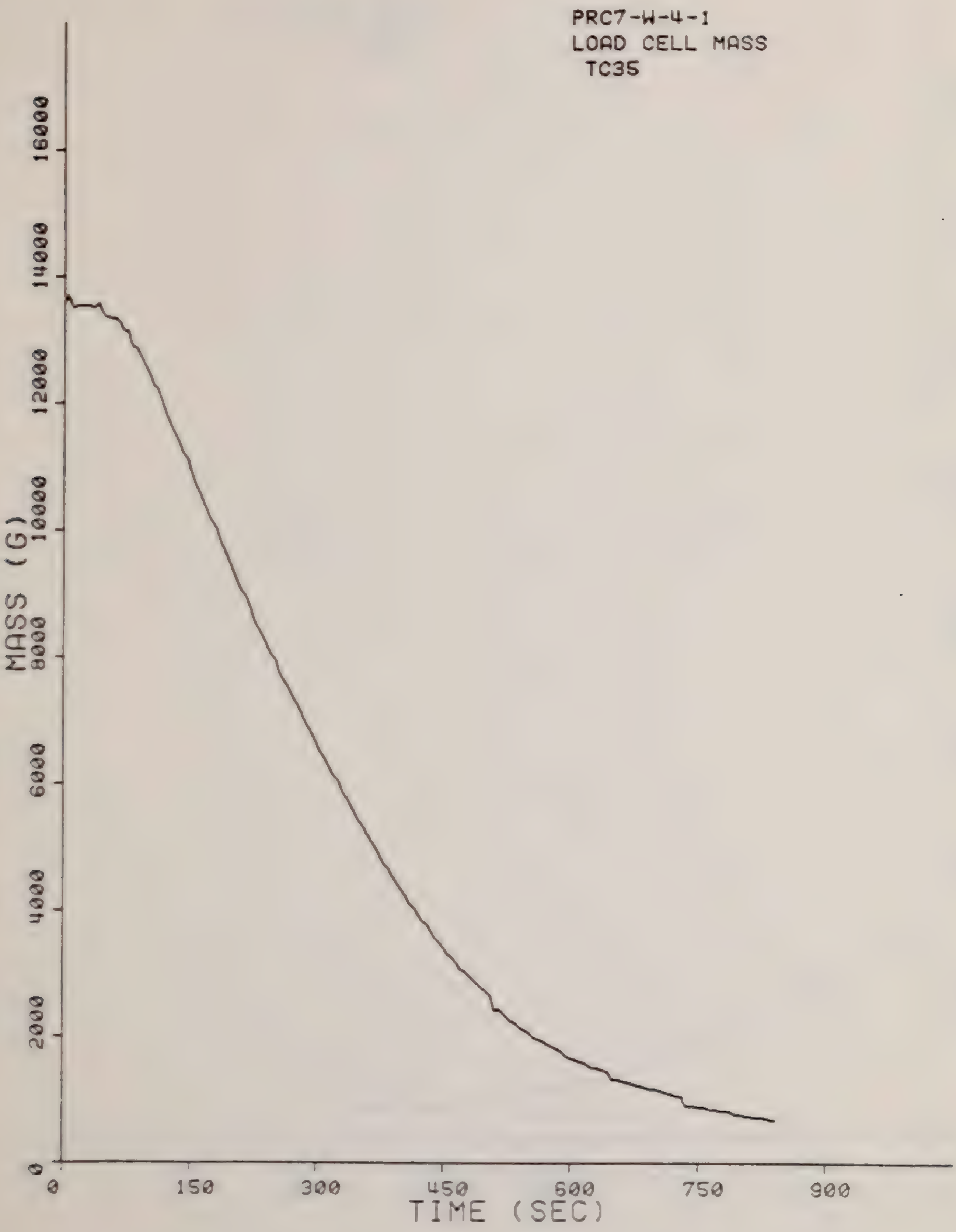
In form experiments, PRC 15 through 18, a malfunction of the load platform was discovered. This was corrected and an attempt was made to correct the errors in the mass loss data through a special calibration procedure. These corrected results are shown here.

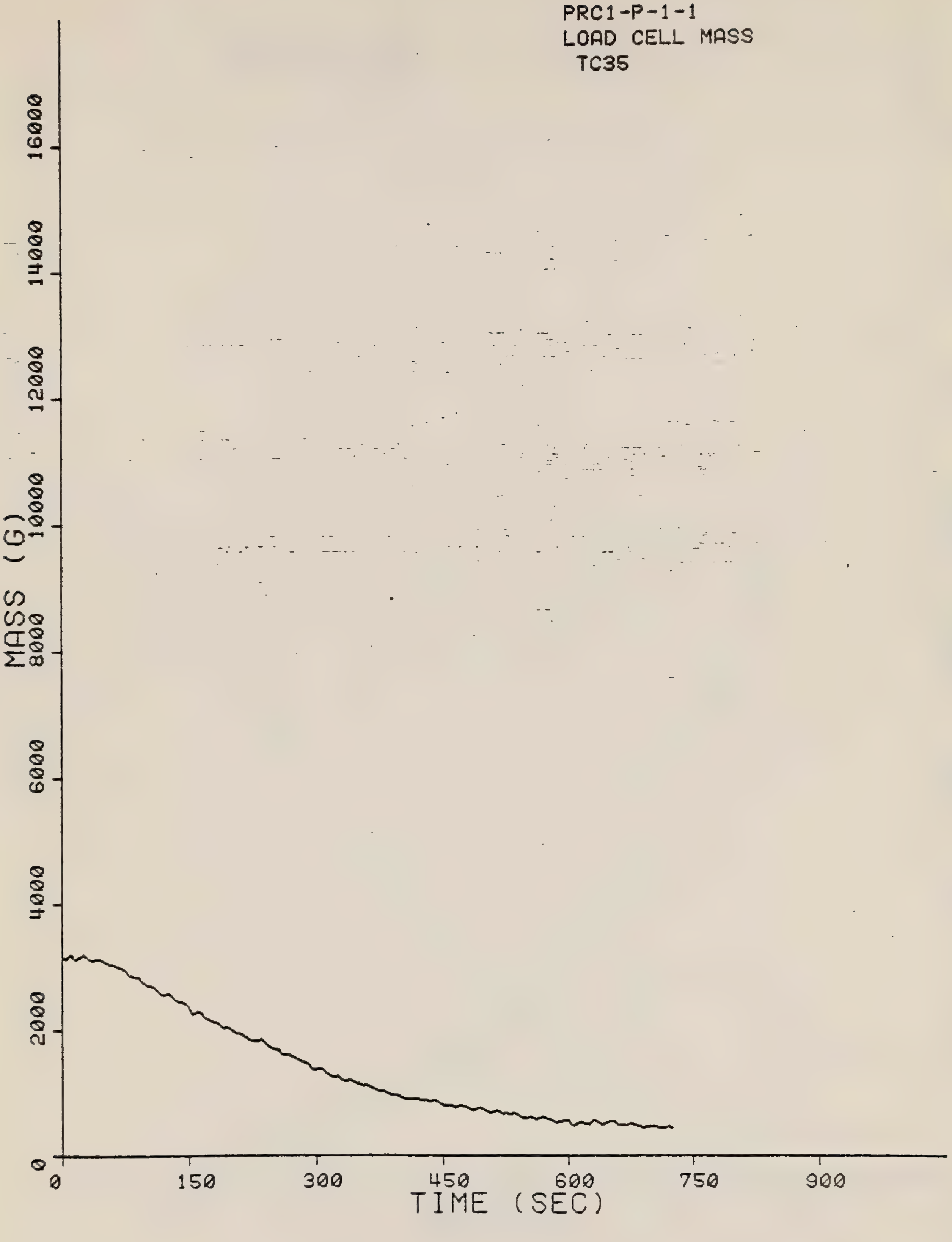
An anomaly occurred in PRC 2 which was a mass increase near the end of the experiment. This coincided with the crib collapse. However, the cause of this erroneous mass increase was not clear. Another obvious error occurs as a brief excursion in PRC 18. This is likely a data recording problem.

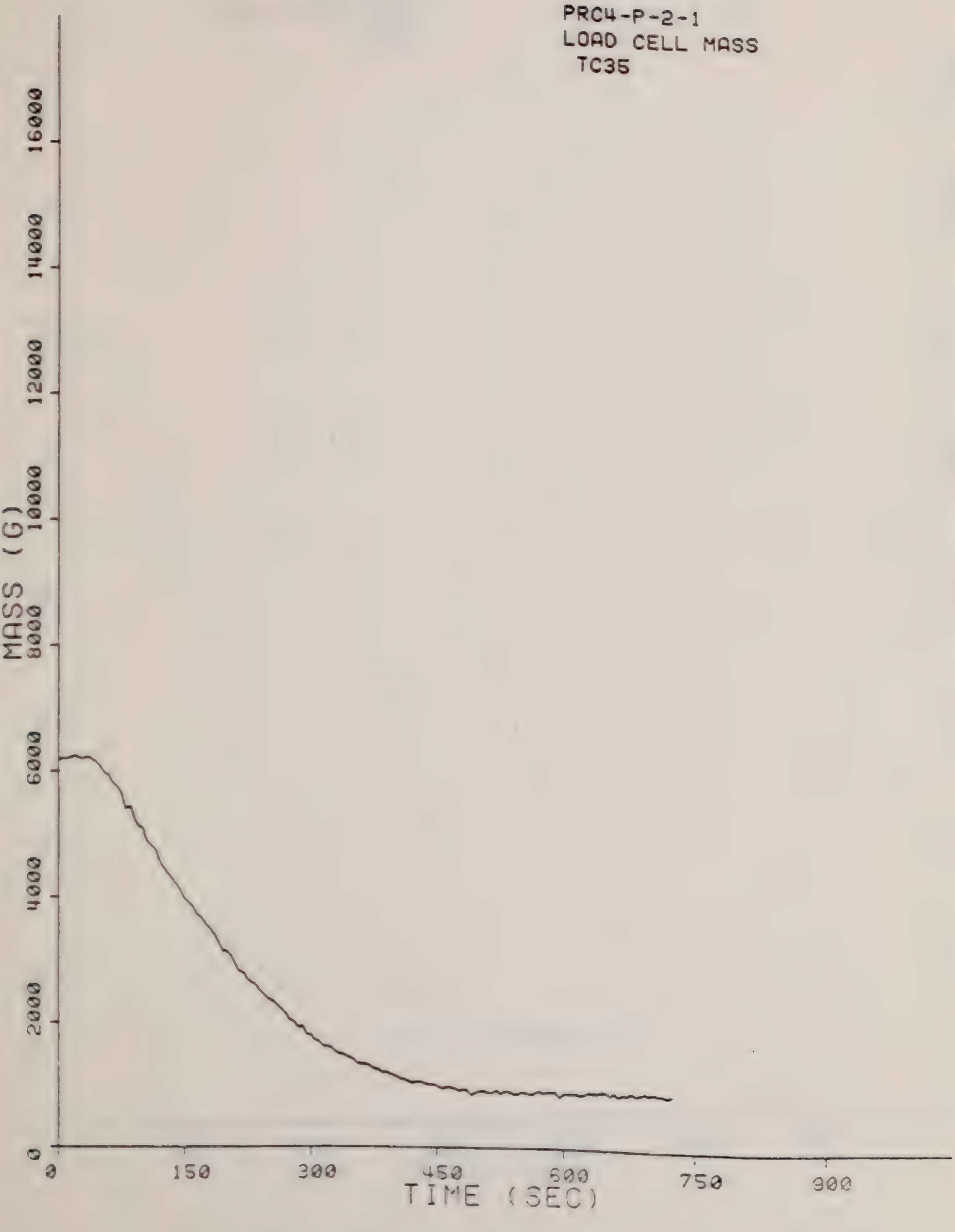

PRC3-W-1-1
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
150
300
450
600
750
900
TIME (SEC)

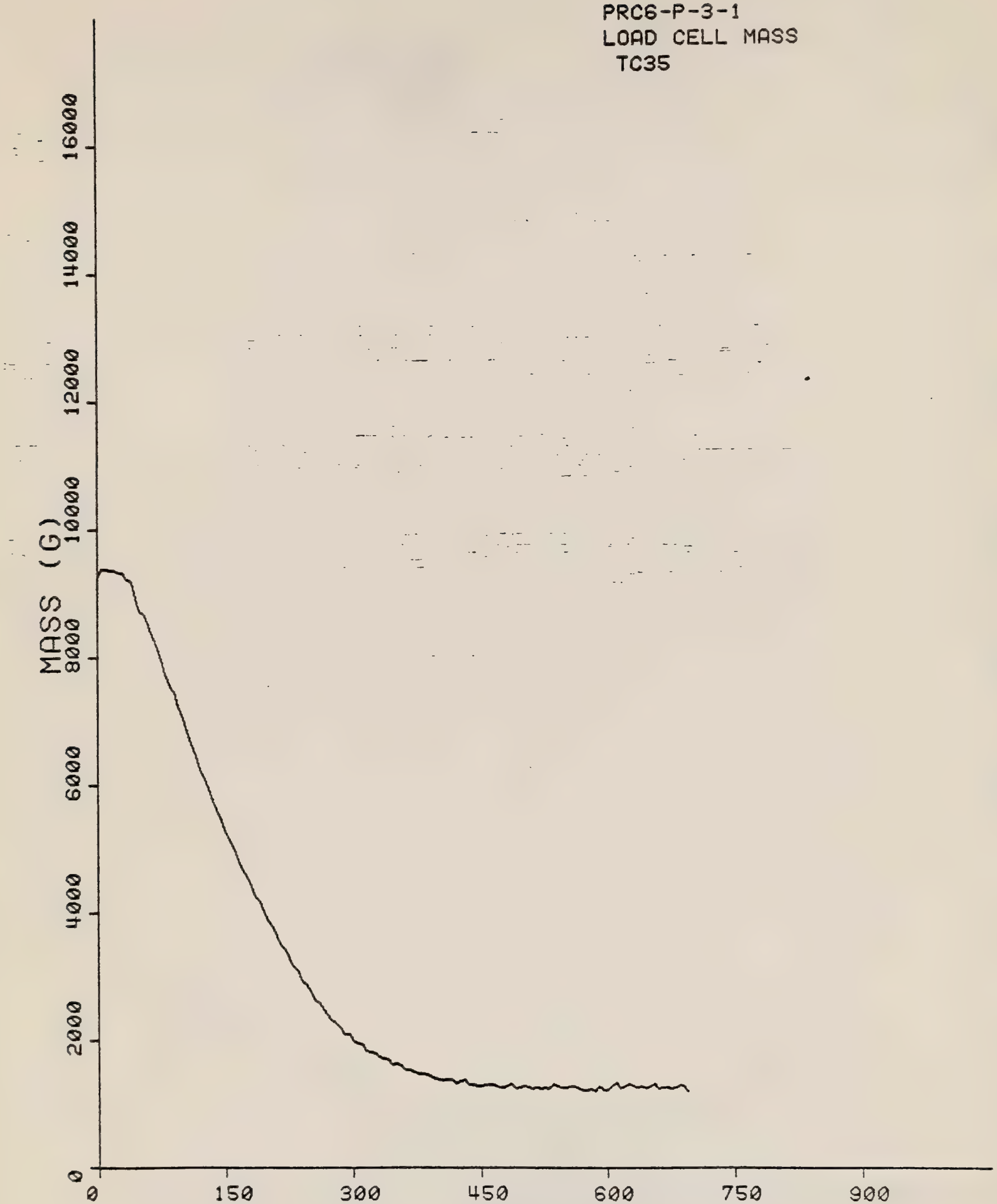

PRCS-W-2-1
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
TIME (SEC)
0
150
300
450
600
750
900

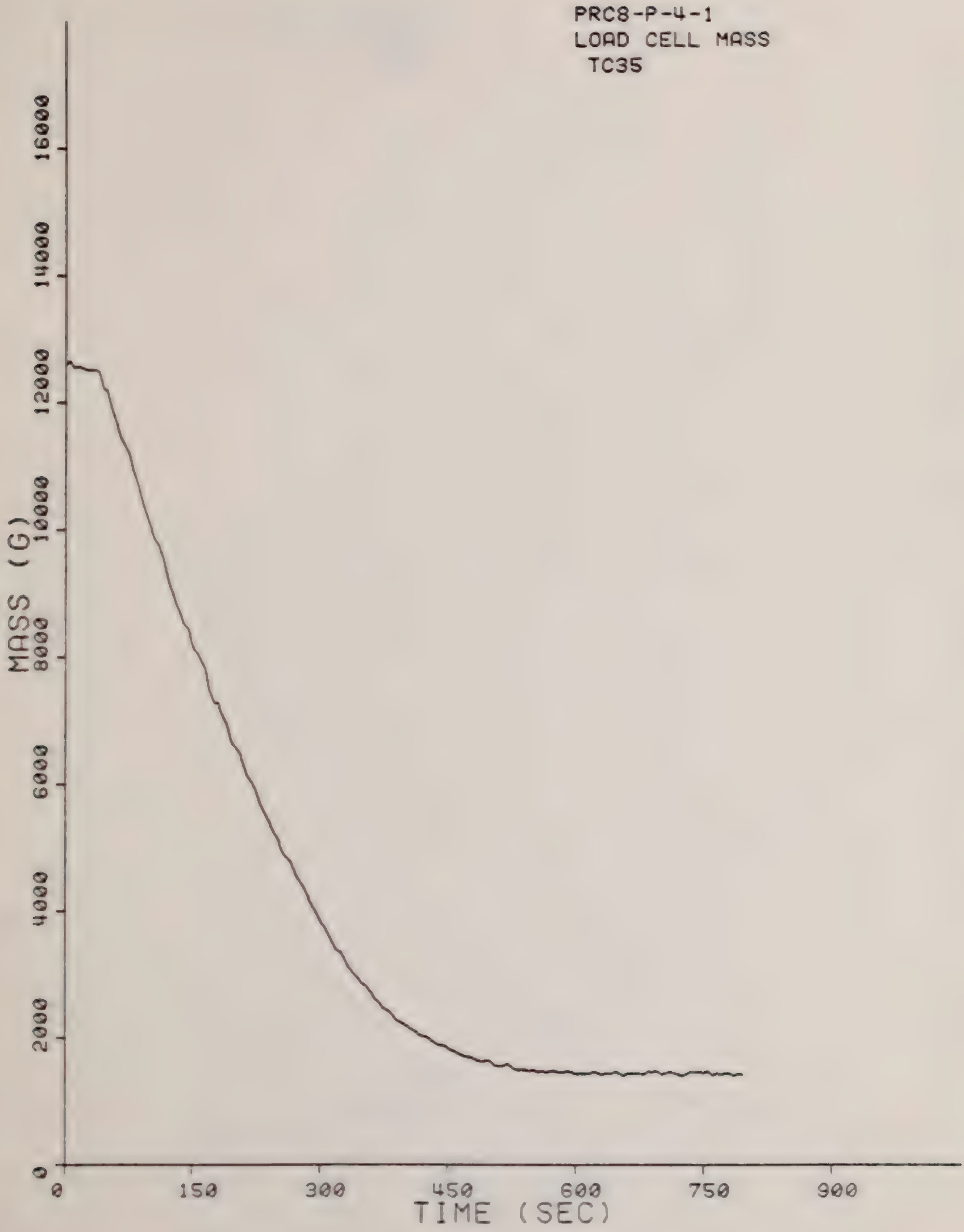

PRC2-W-3-1
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
150
300
450
600
750
900
TIME (SEC)

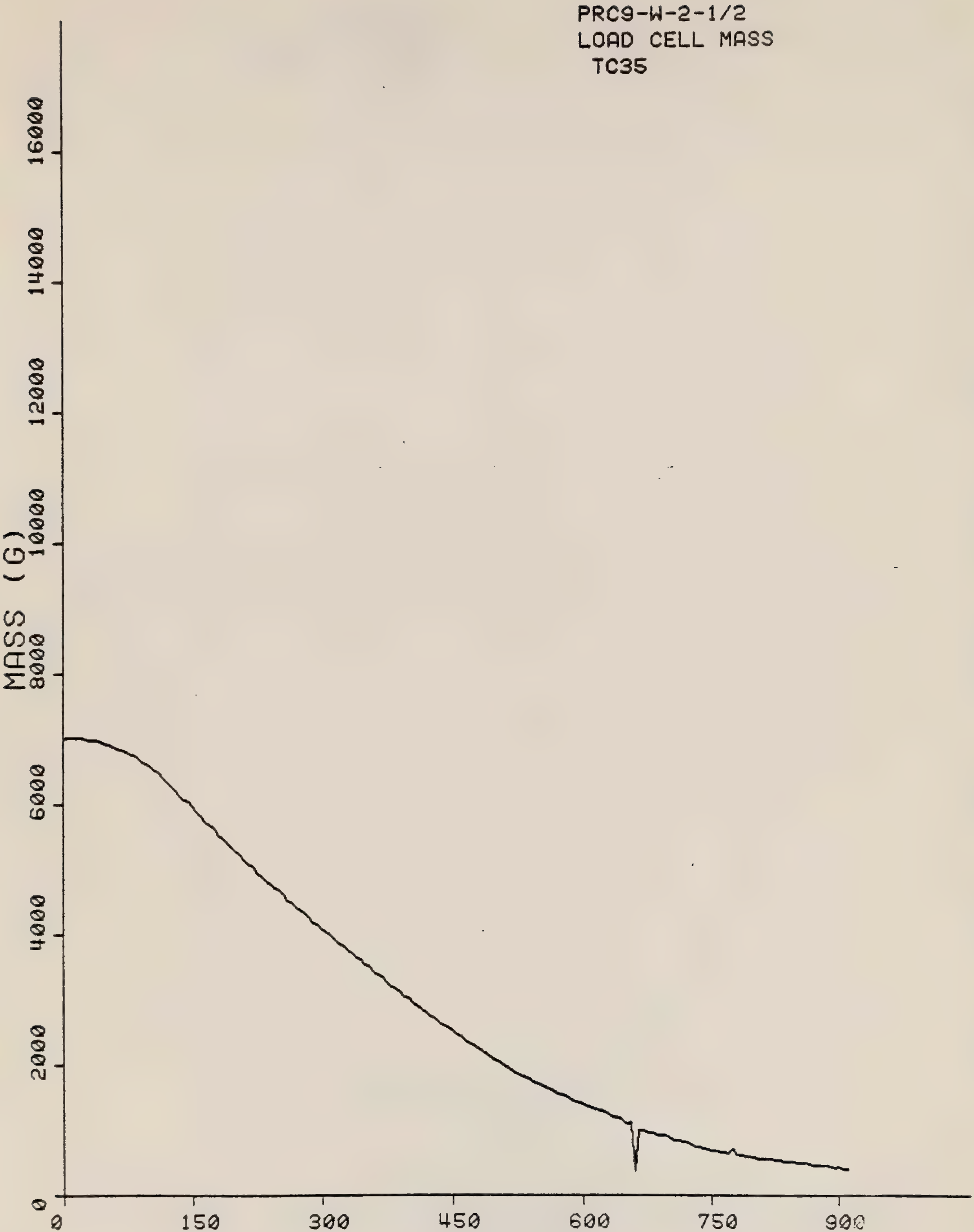

PRC7-W-4-1
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
150
300
450
600
750
900
TIME (SEC)

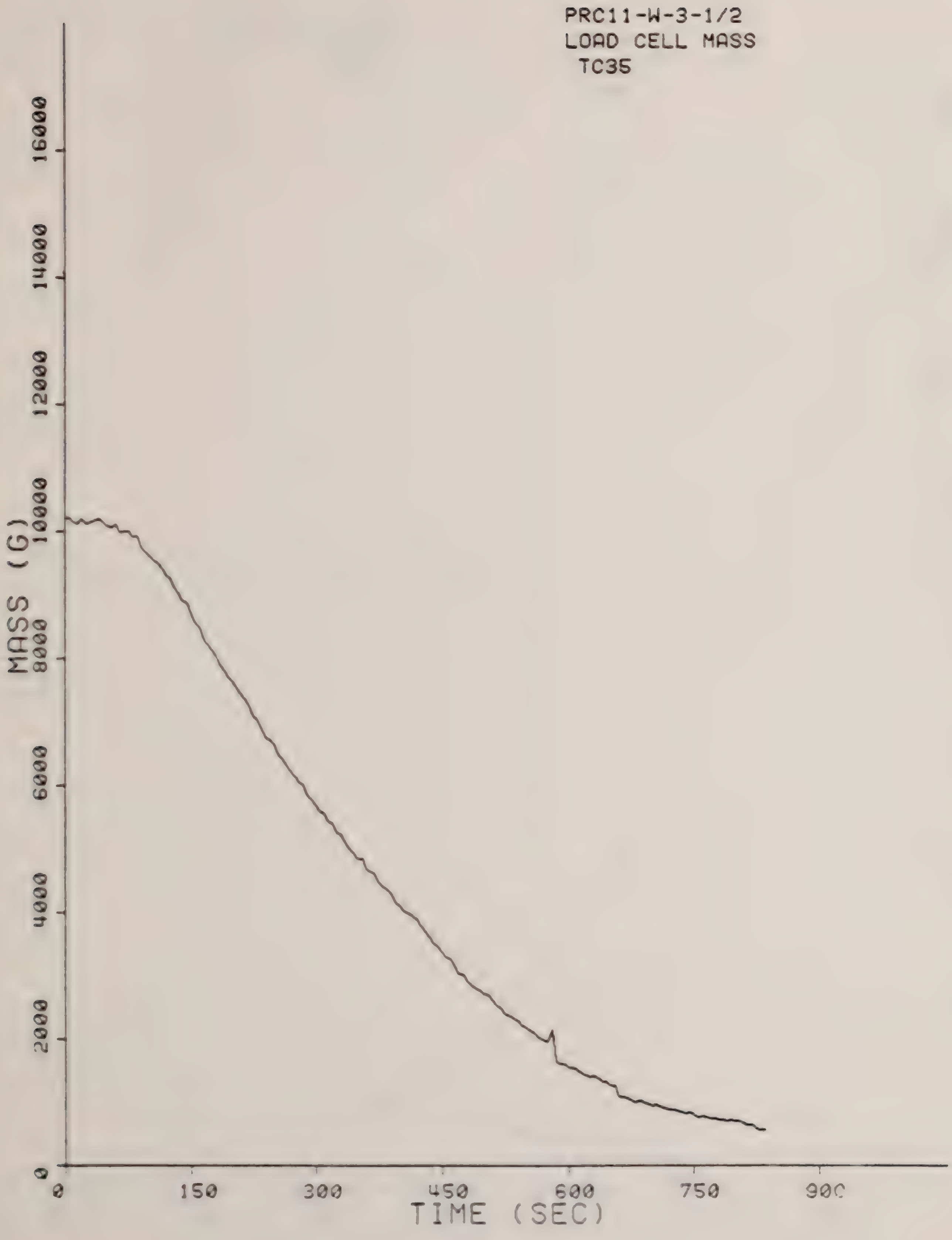

PRC1-P-1-1
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
150
300
450
600
750
900
TIME (SEC)

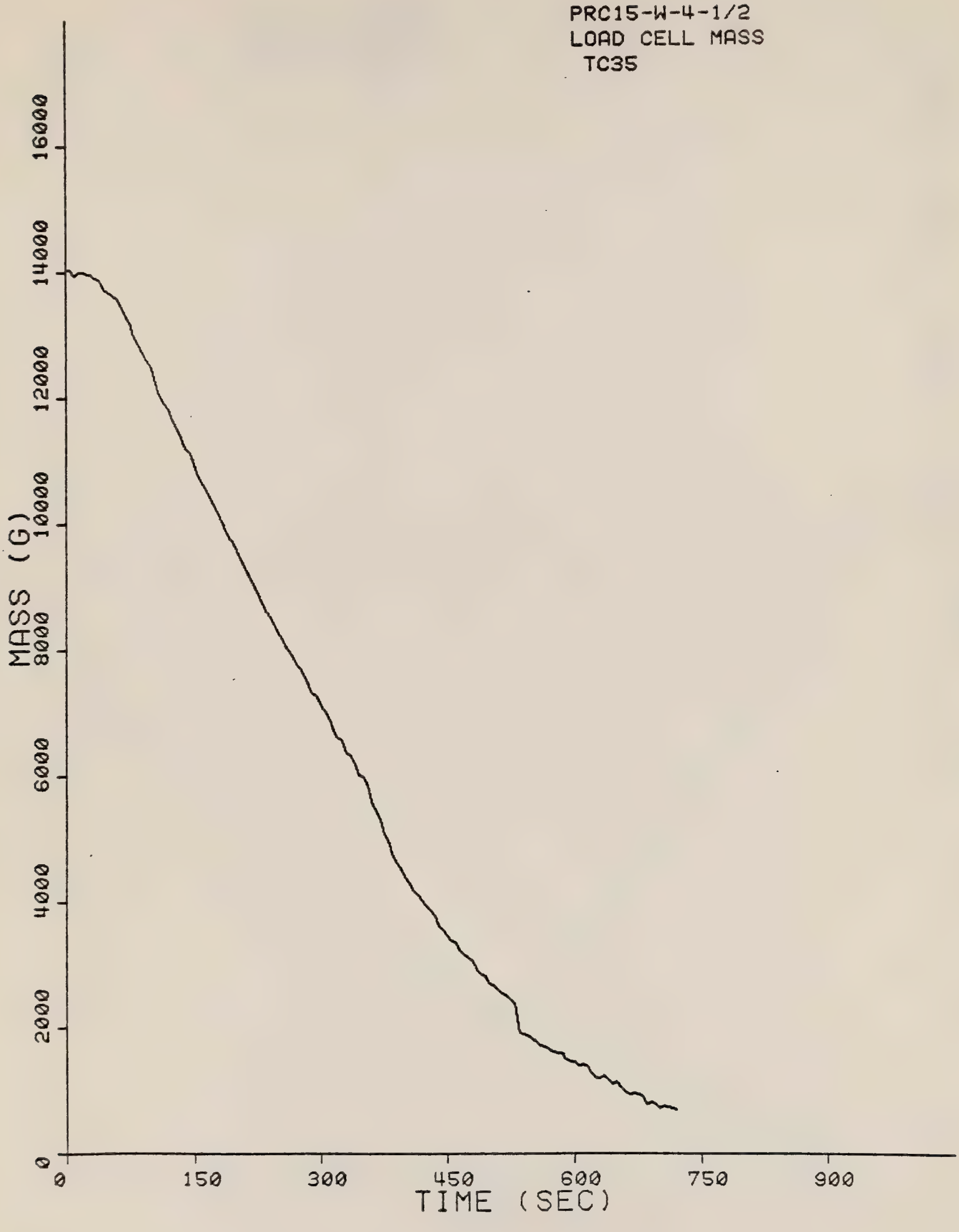

PRC4-P-2-1
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
150
300
450
600
750
900
TIME (SEC)

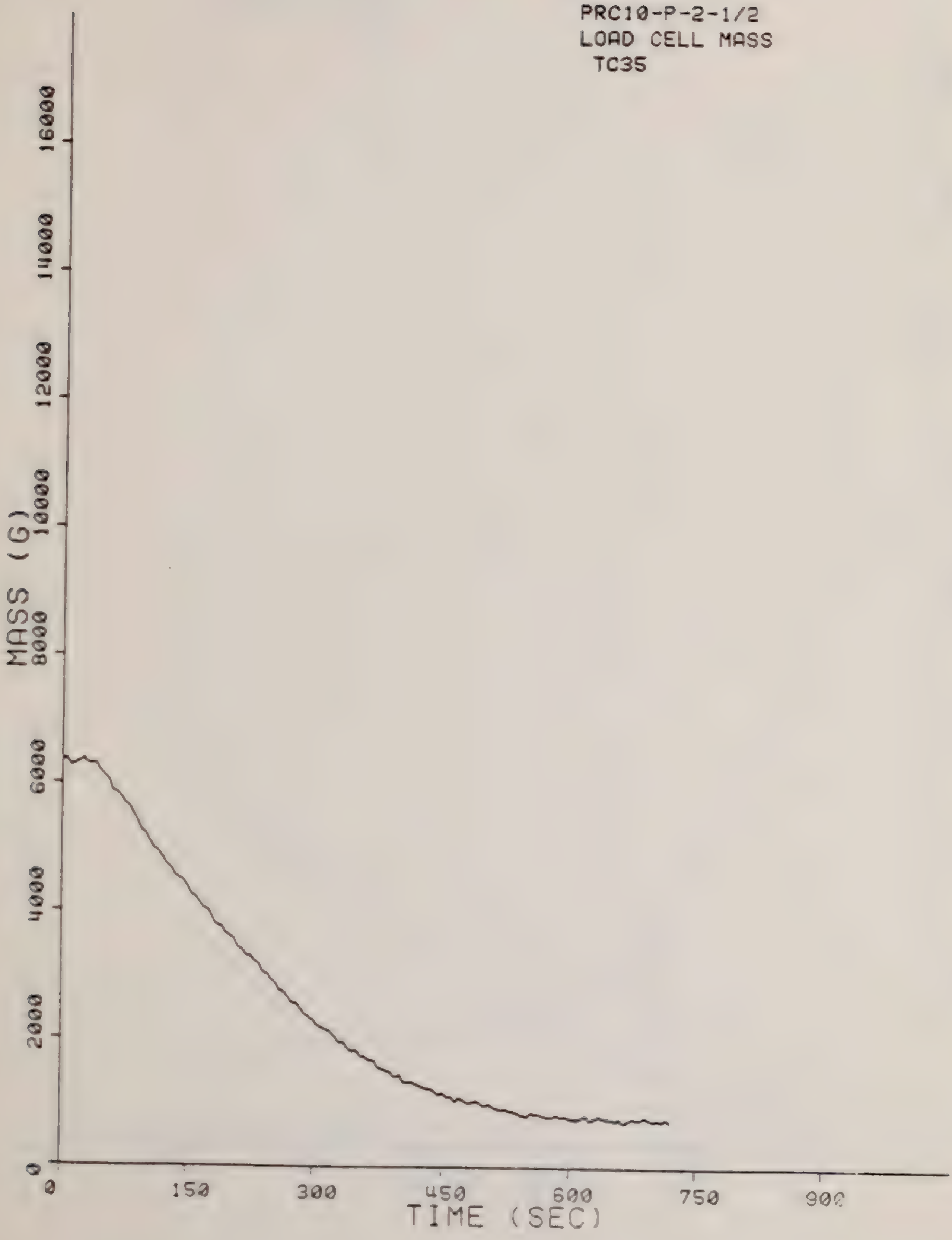

PRC6-P-3-1
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
150
300
450
600
750
900
TIME (SEC)

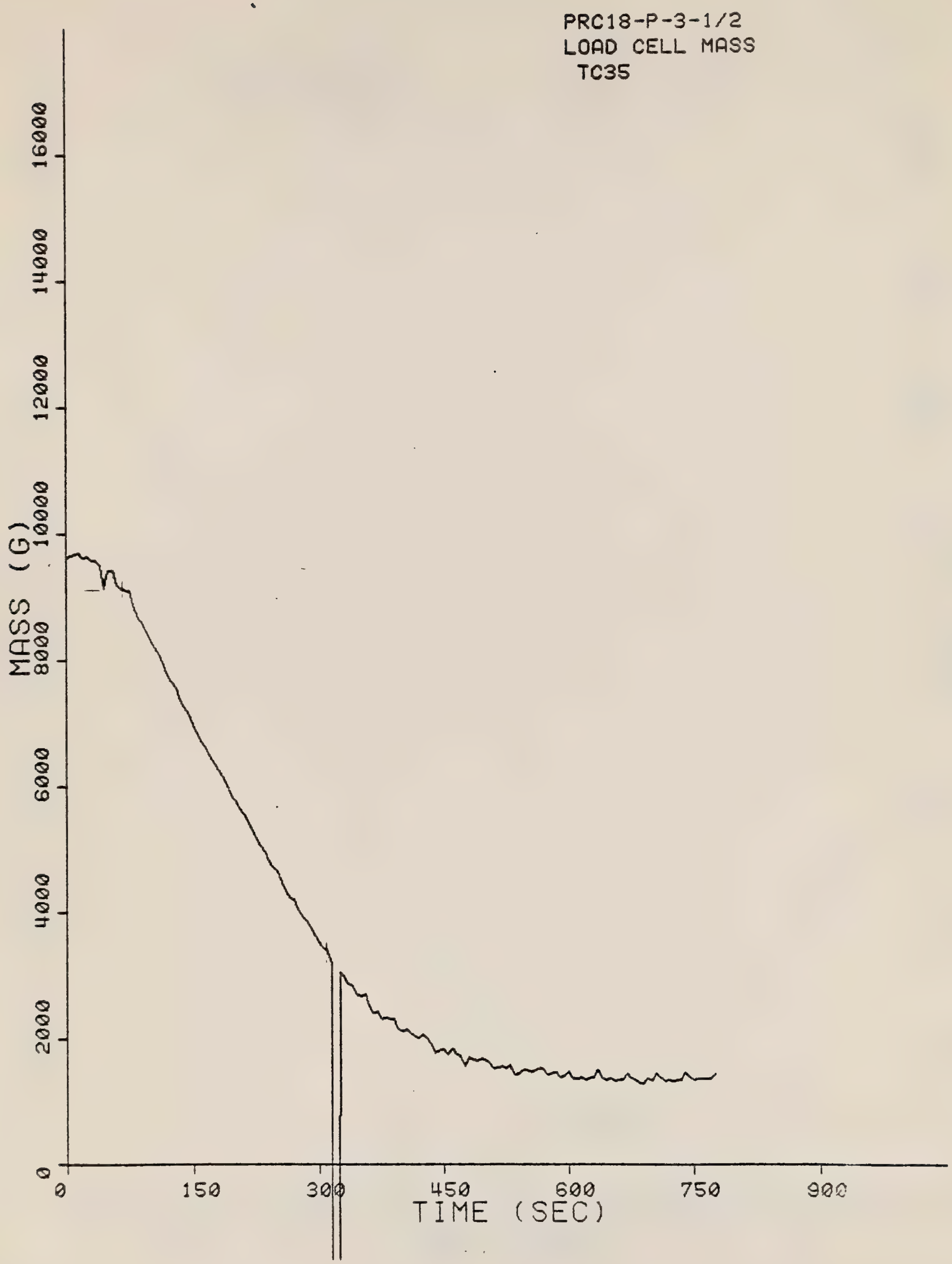

PRC8-P-4-1
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
TIME (SEC)
0
150
300
450
600
750
900

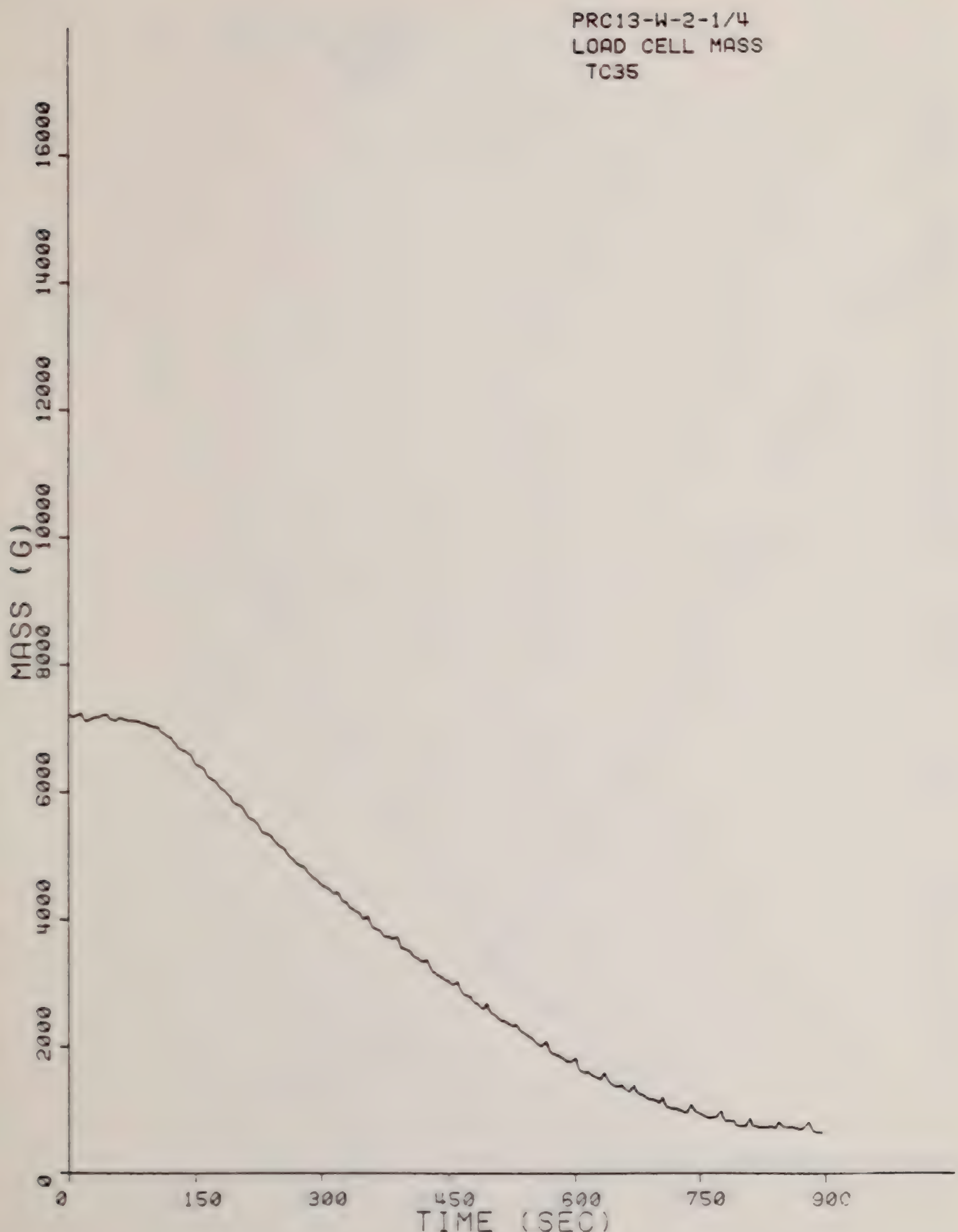

PRC9-W-2-1/2
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
150
300
450
600
750
900
TIME (SEC)

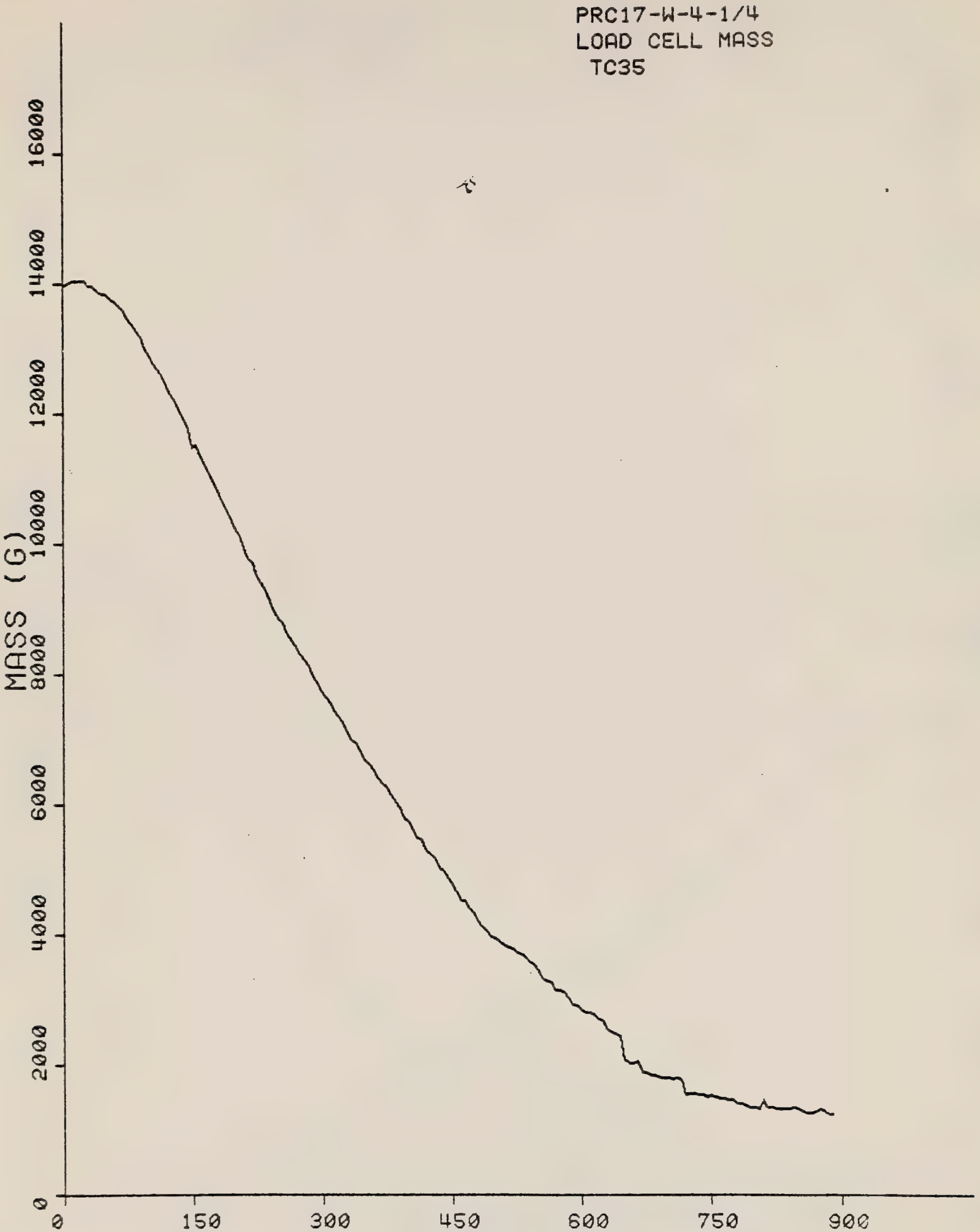

PRC11-W-3-1/2
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
150
300
450
600
750
900
TIME (SEC)

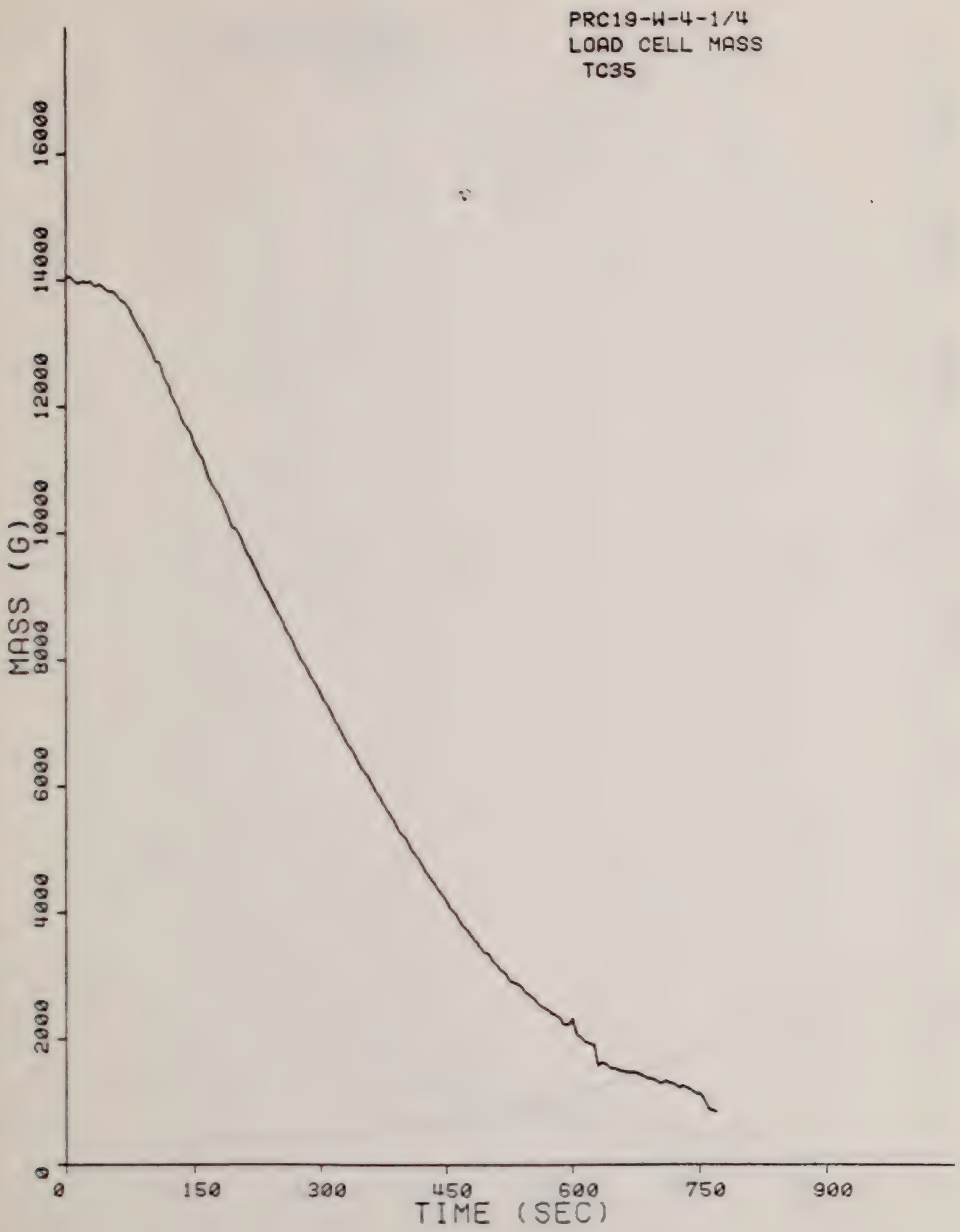

PRC15-W-4-1/2
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
150
300
450
600
750
900
TIME (SEC)

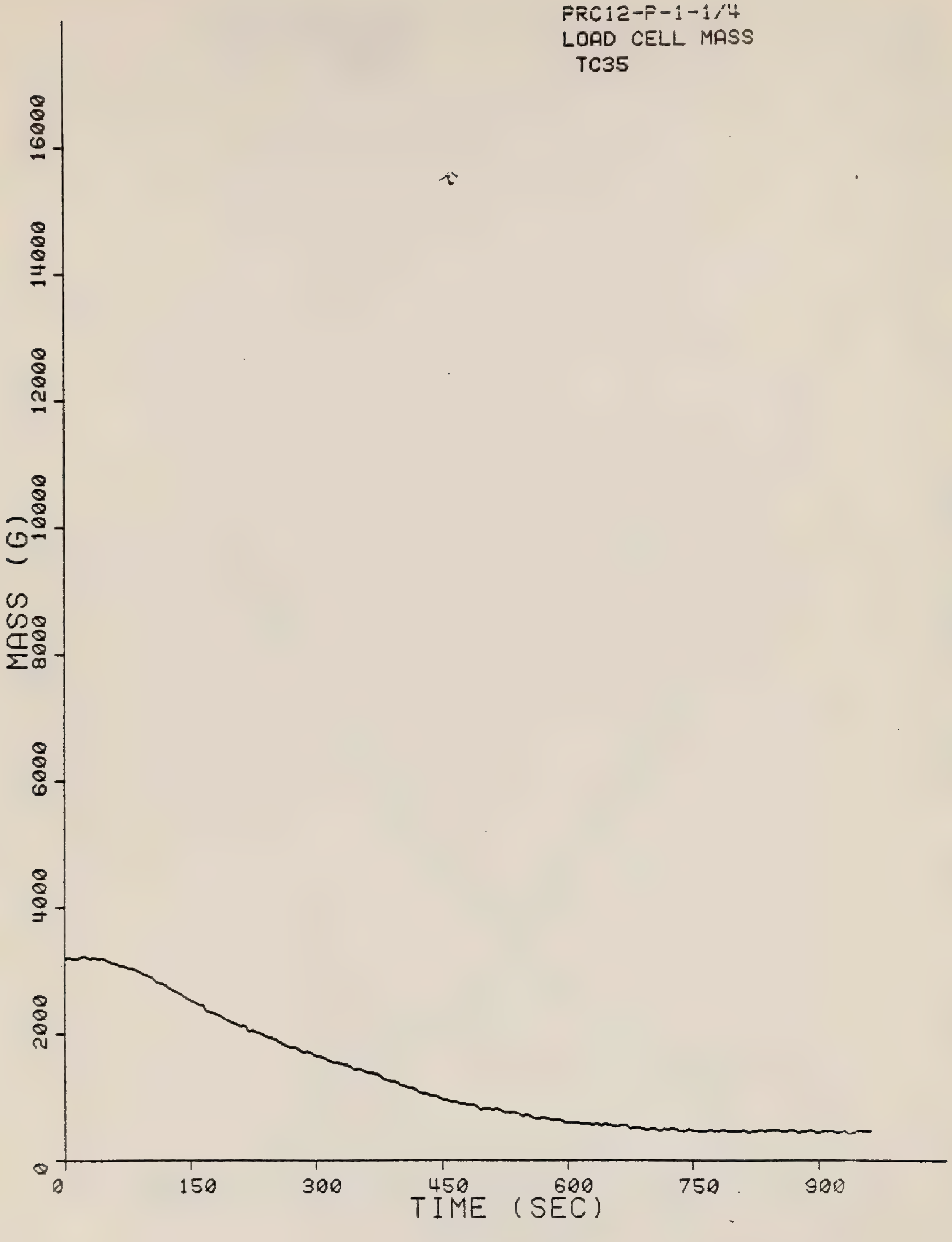

PRC10-P-2-1/2
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
150
300
450
600
750
900
TIME (SEC)

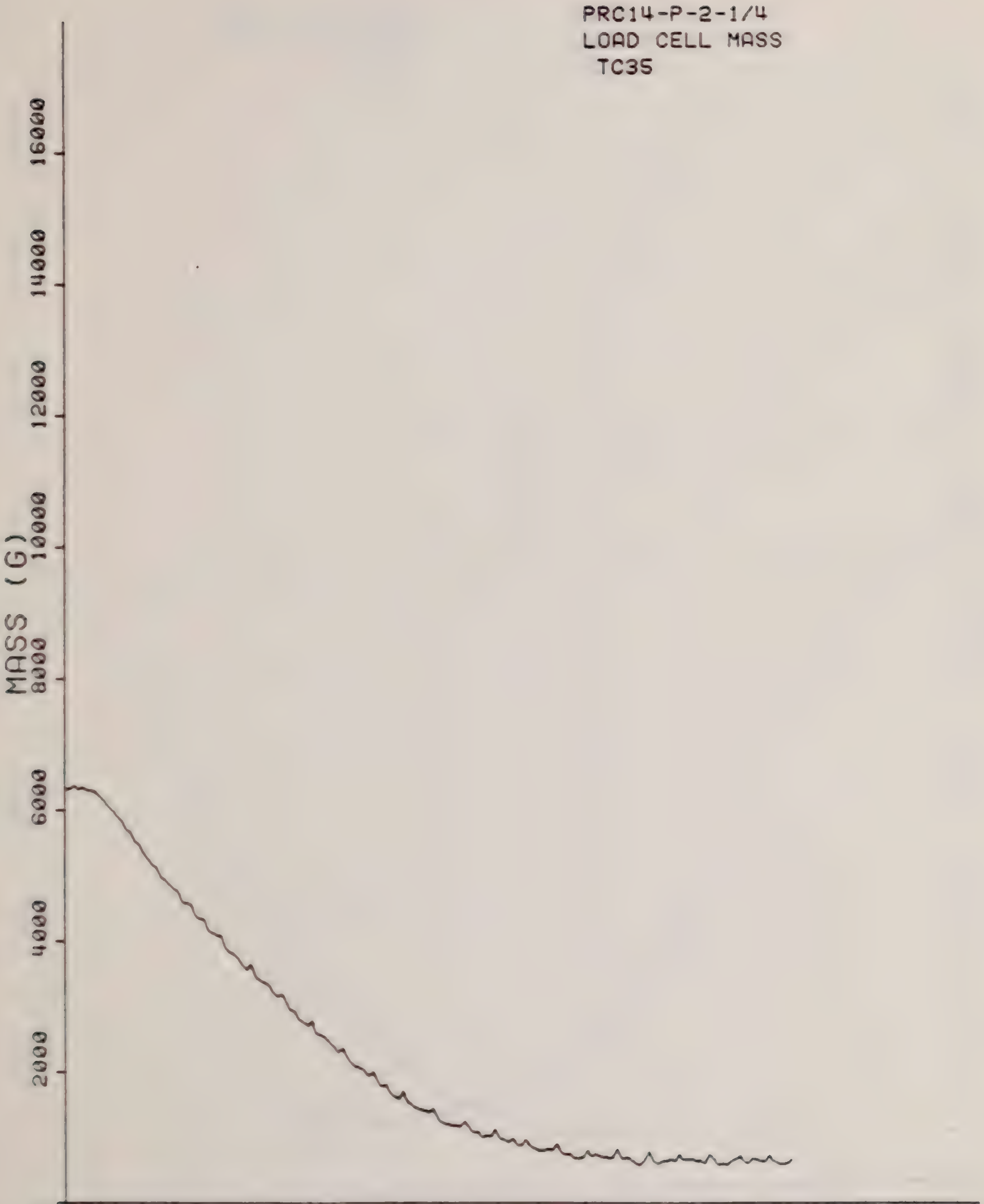

PRC18-P-3-1/2
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
TIME (SEC)
0
150
300
450
600
750
900

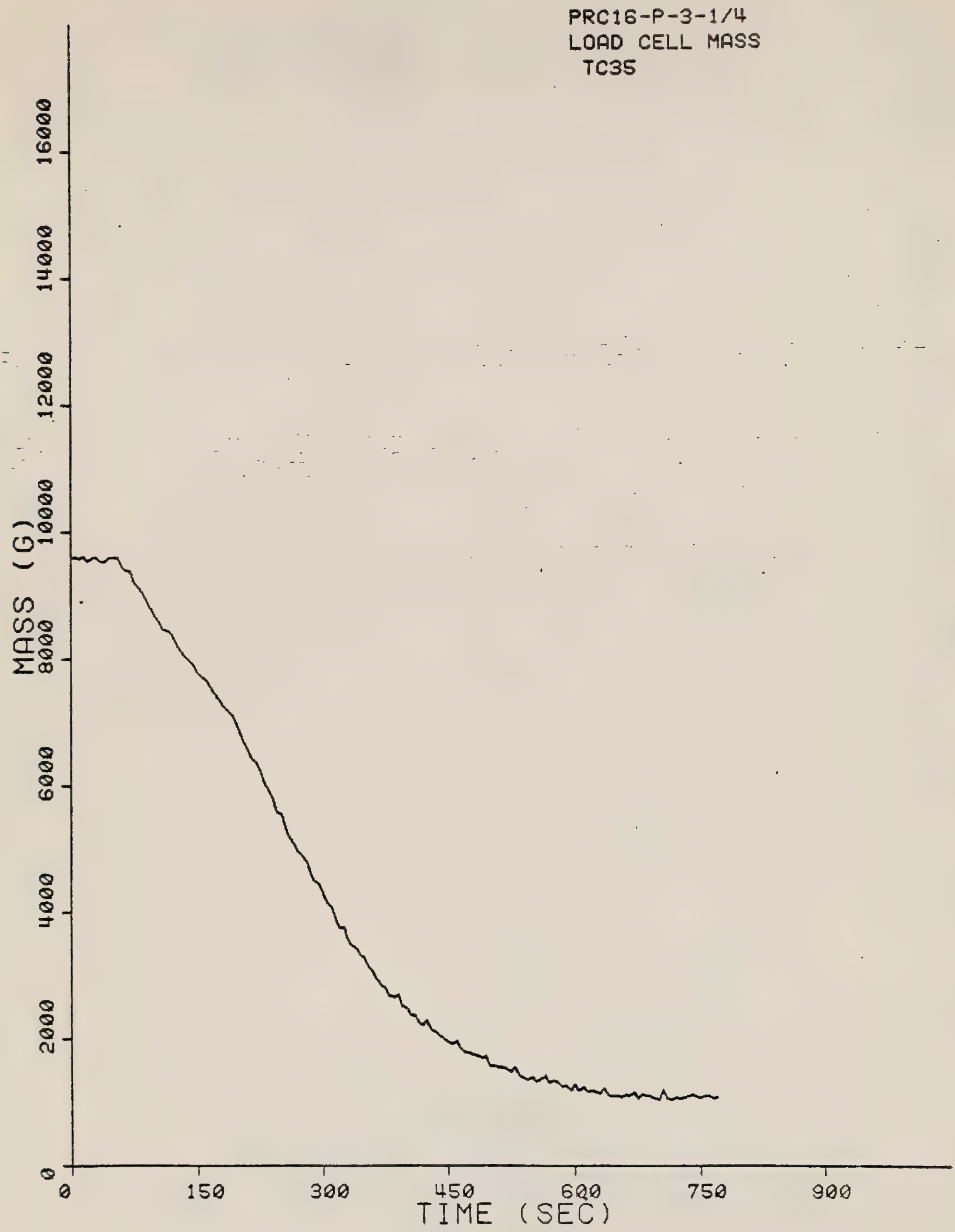

PRC13-W-2-1/4
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
150
300
450
600
750
900
TIME (SEC)

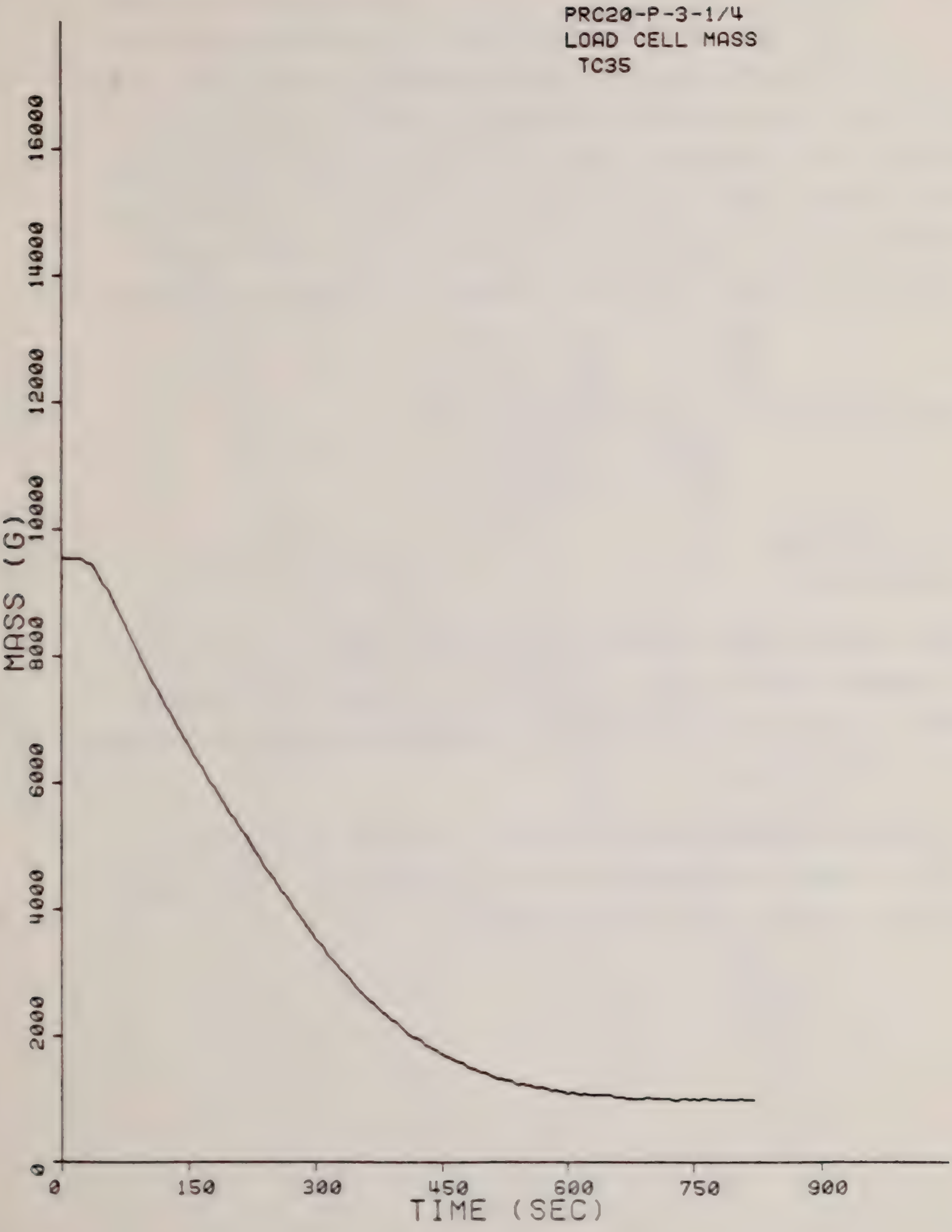

PRC17-W-4-1/4
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
0
150
300
450
600
750
900
TIME (SEC)


PRC19-W-4-1/4
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
TIME (SEC)
0
150
300
450
600
750
900


PRC12-P-1-1/4
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
TIME (SEC)
0
150
300
450
600
750
900


PRC14-P-2-1/4
LOAD CELL MASS
TC35
MASS (G)
16000
14000
12000
10000
8000
6000
4000
2000
0
0
150
300
450
600
750
900
TIME (SEC)


PRC16-P-3-1/4
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
TIME (SEC)
0
150
300
450
600
750
900


PRC20-P-3-1/4
LOAD CELL MASS
TC35
MASS (G)
0
2000
4000
6000
8000
10000
12000
14000
16000
TIME (SEC)
0
150
300
450
600
750
900

5. CRIB MASS LOSS RATE

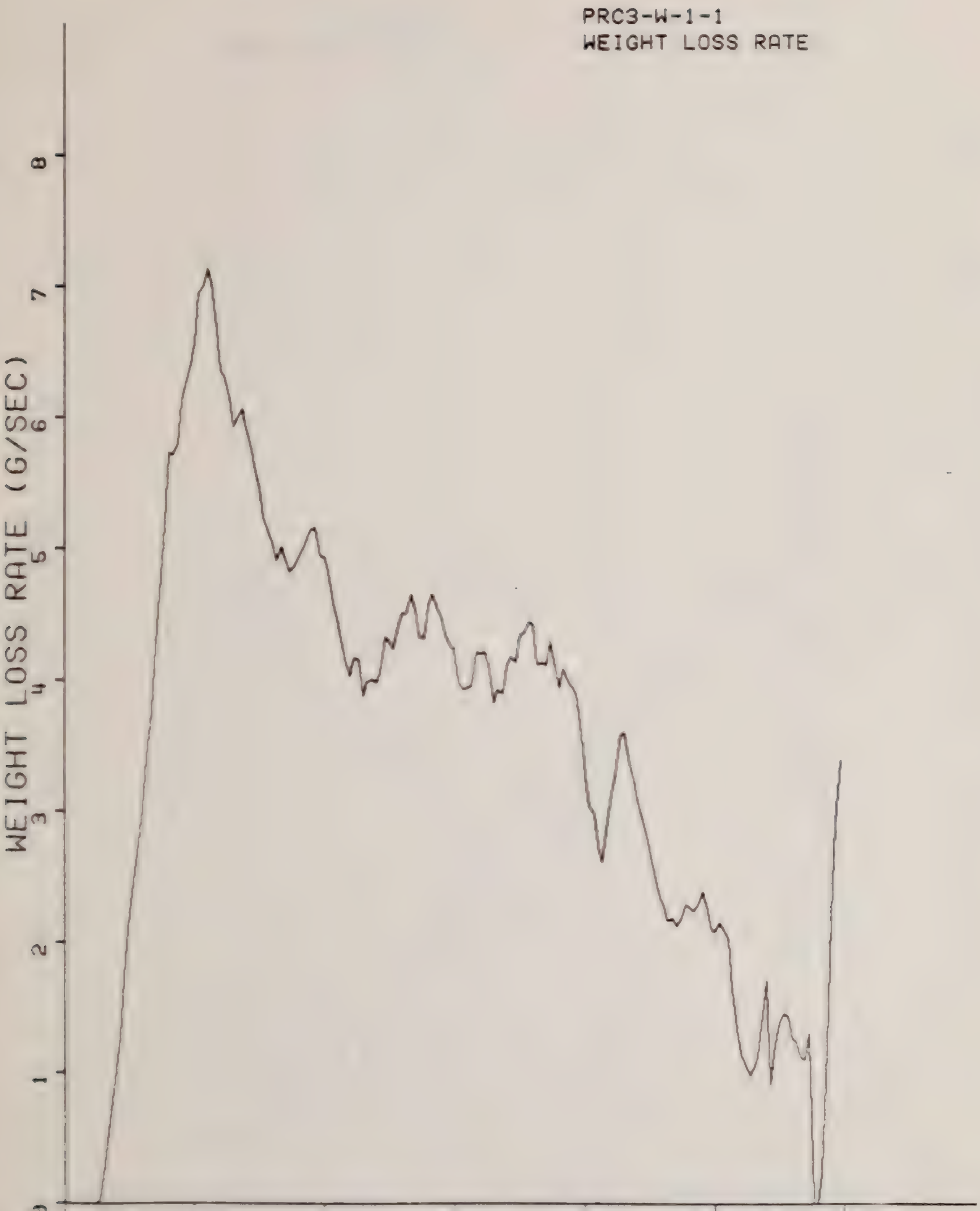
The instantaneous rate of mass loss was obtained from the crib mass data. In the interpretation of these results it should be realized that they arise from a differentiation process applied to discrete data points which may not be well-behaved in a mathematical sense due to experimental fluctuations. The "smoothing" method selected was a least square linear fit over successive mass loss data points. The slope of the linear fit is the mass loss rate. This process was repeated for a running set of ten data points for each five-second increment. The formula is given as

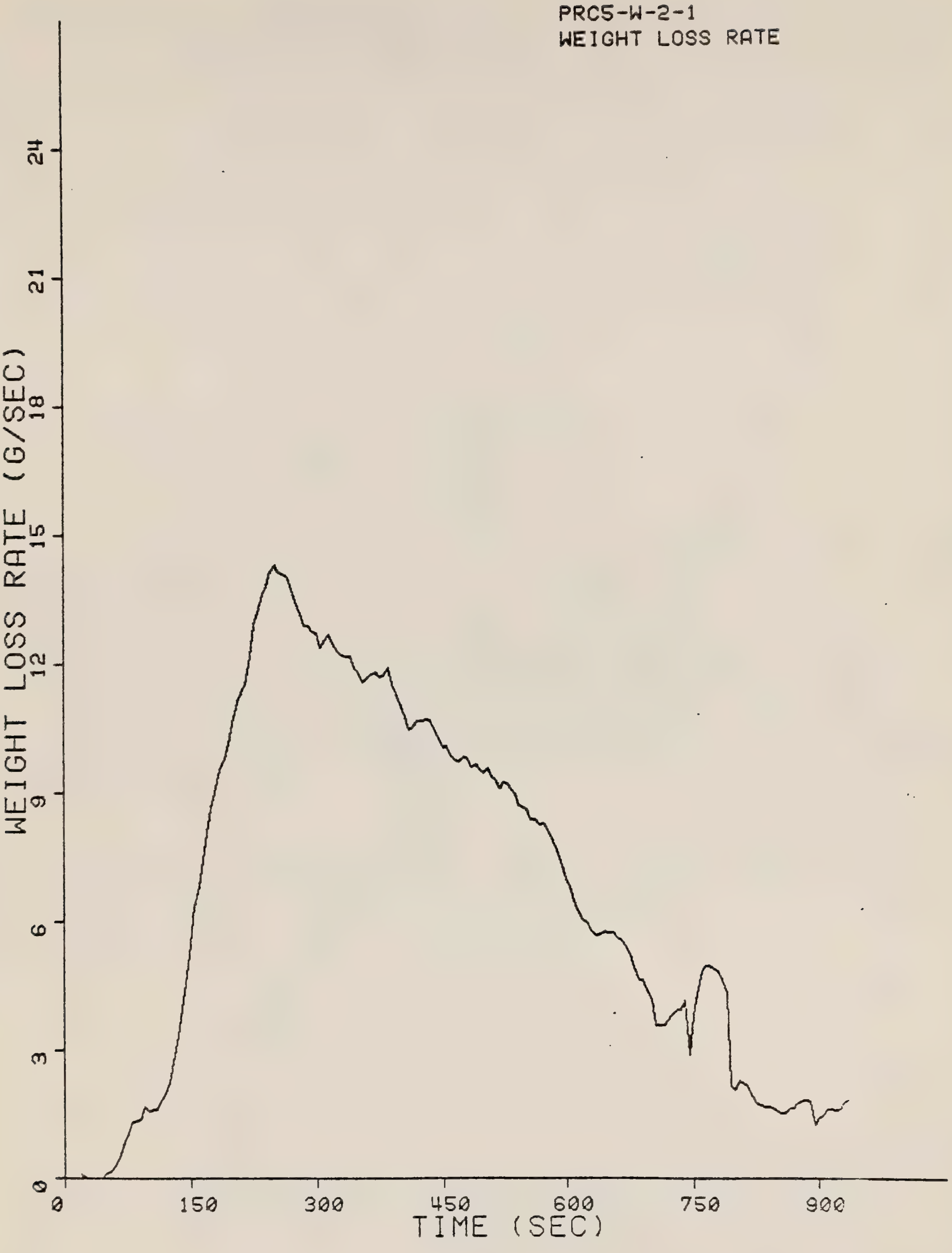
$$\dot{m}(t_i)\Big|_{i=5} = \frac{\sum_{i=1}^{10} t_i m_i - \dfrac{\sum_{i=1}^{10} t_i \sum_{i=1}^{10} m_i}{10}}{\sum_{i=1}^{10} t_i^2 - \dfrac{\left(\sum_{i=1}^{10} t_i\right)^2}{10}}$$

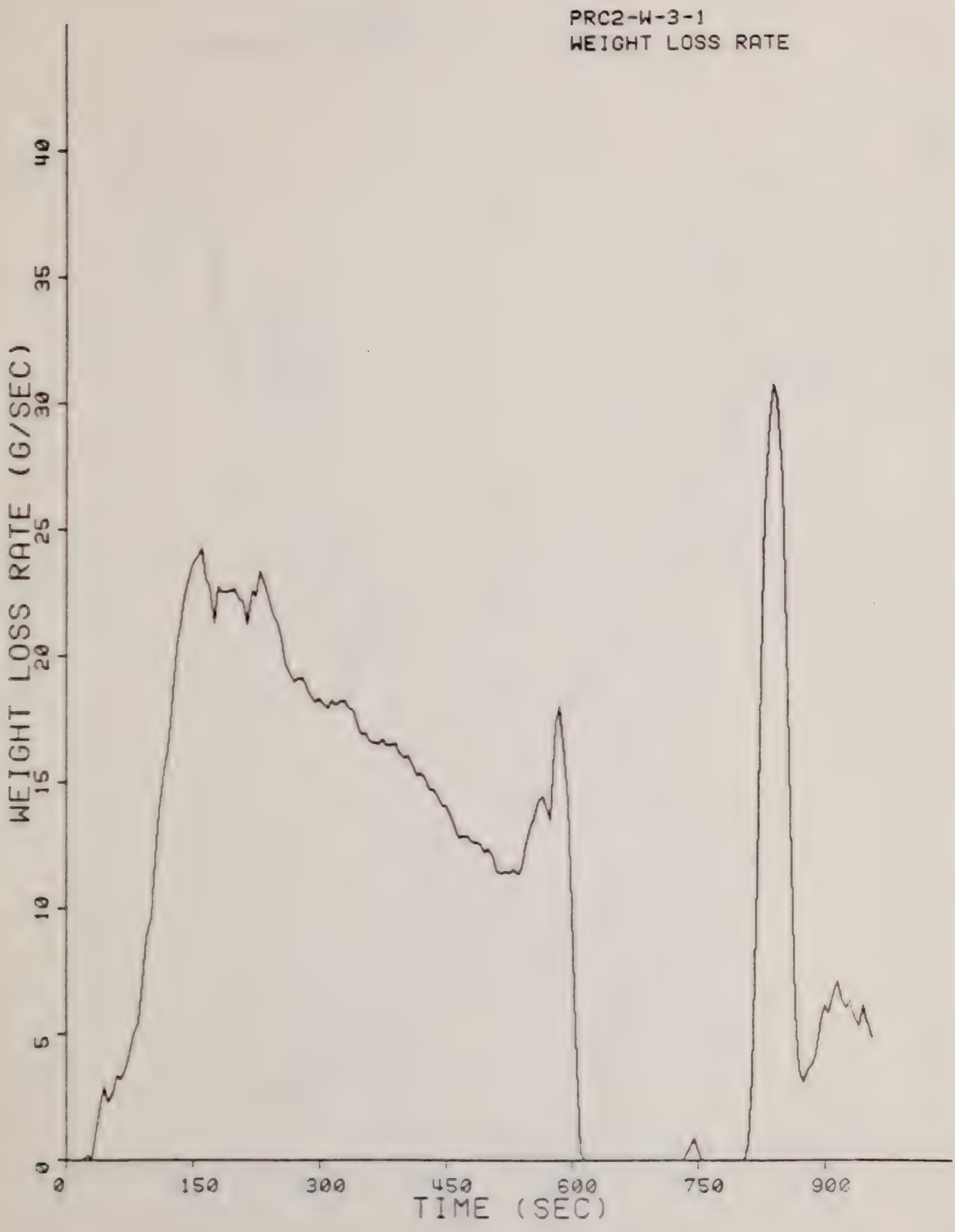
where t_i is the time
and m_i is the mass.

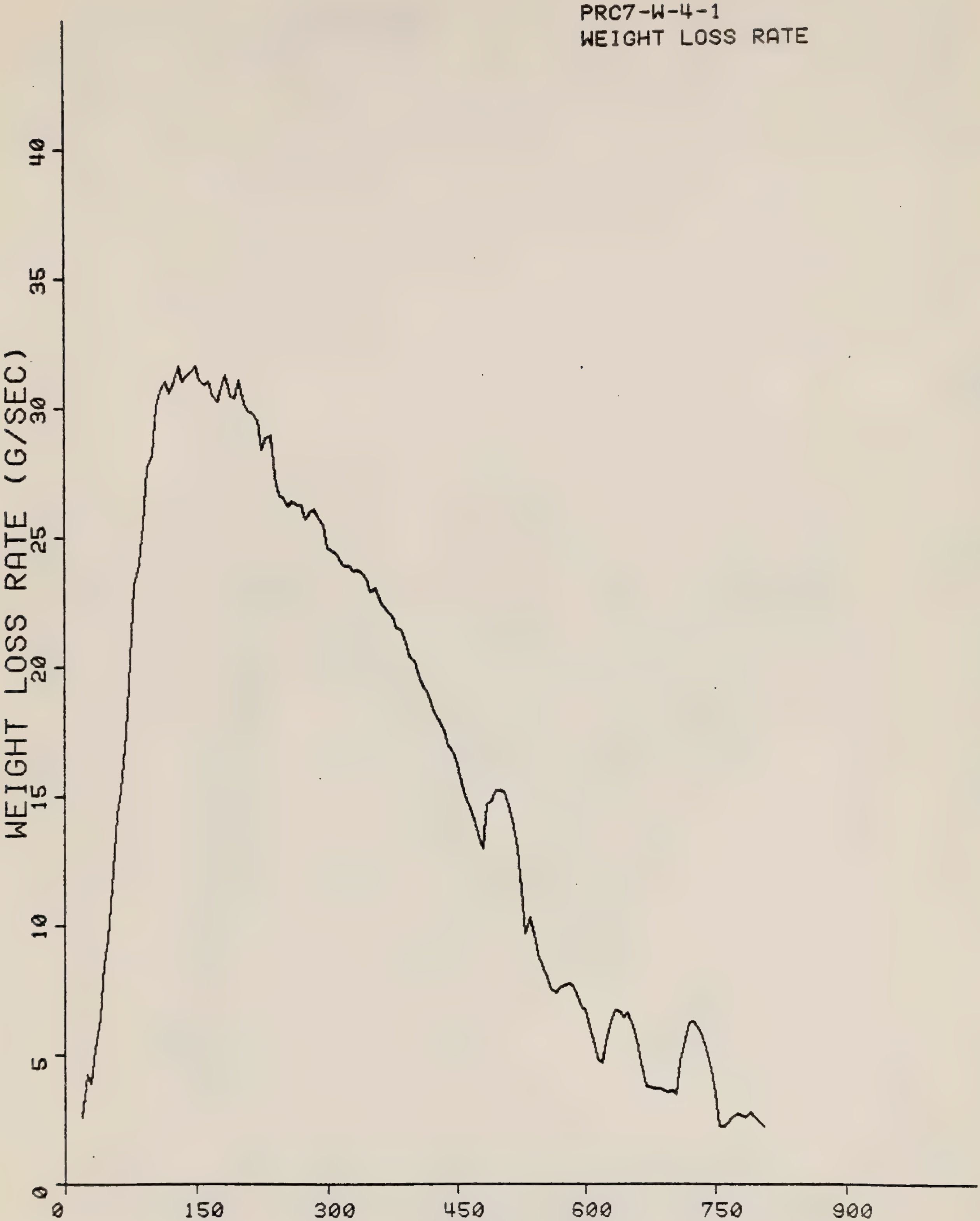
The results of these calculations are given in figures 5-1 through 5-20. Anomalous behavior can be traced back to problems with the mass loss data or to the manner in which the differentiation method is responding to the data fluctuations.

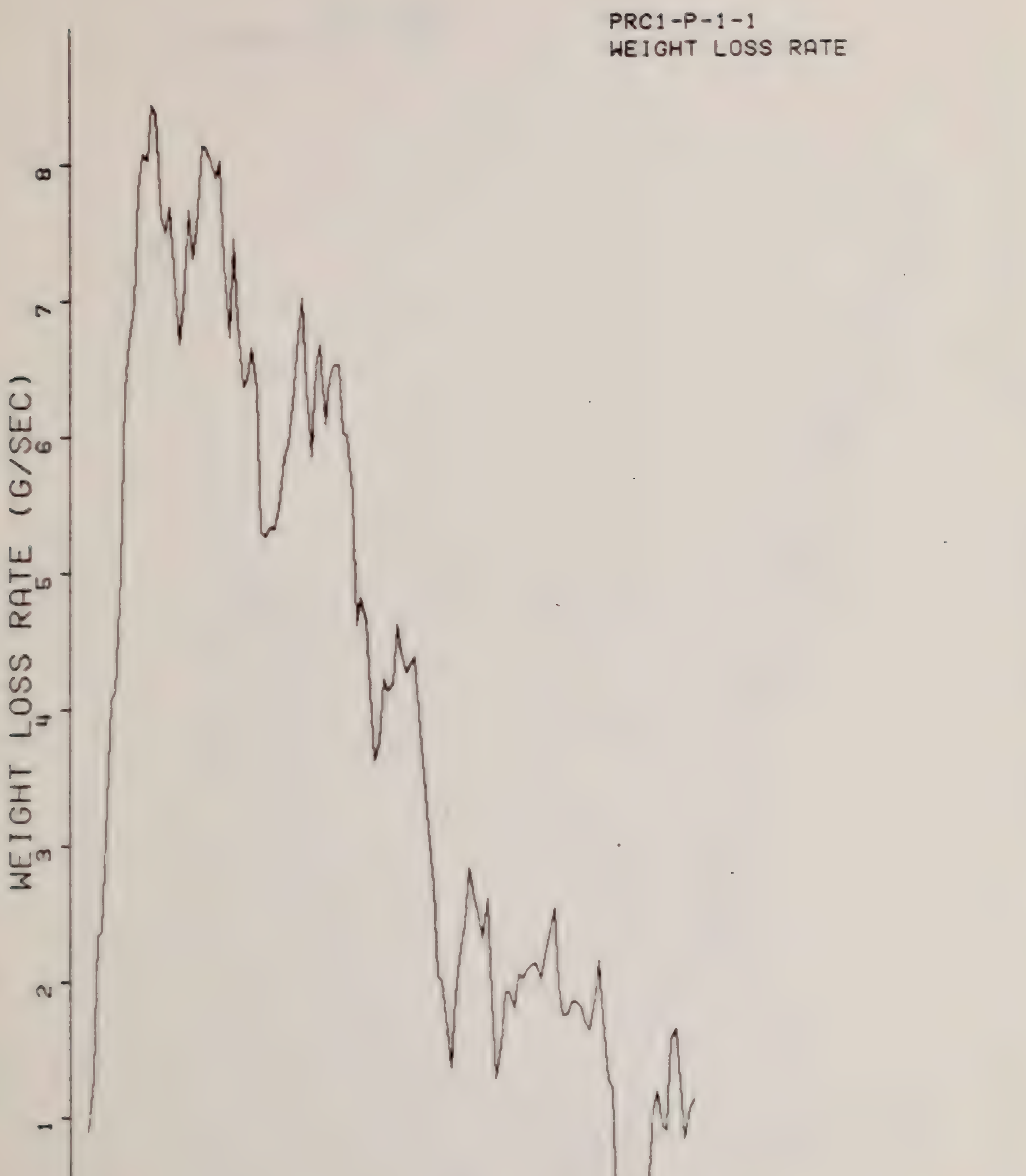
A comparison between repeat runs (PRC 17 with PRC 19, and PRC 20 with PRC 16) shows that the results are in fair agreement. (Note that the ordinate scale varies in each of these figures.)

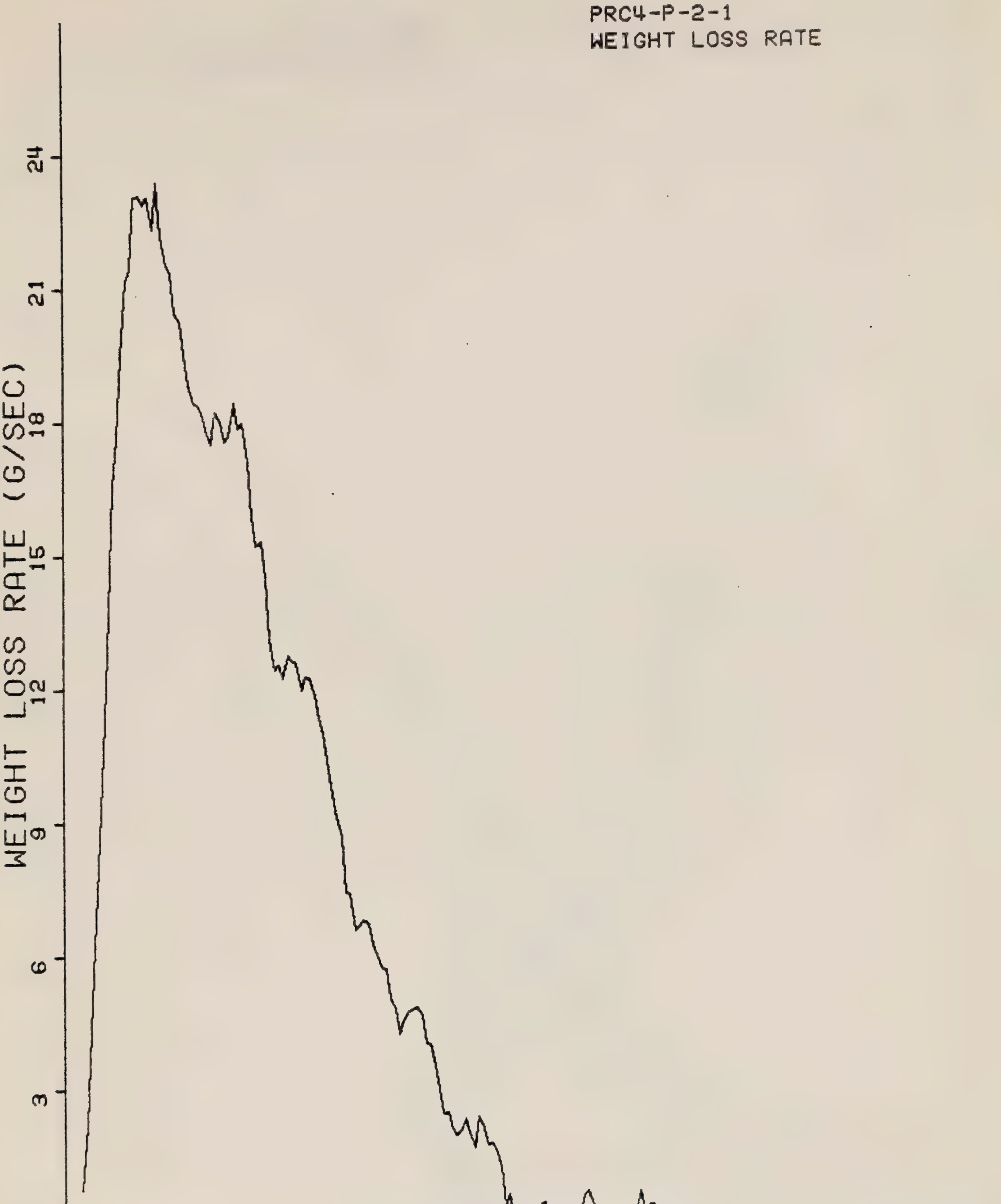

PRC3-W-1-1
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
1
2
3
4
5
6
7
8
0
150
300
450
600
750
900
TIME (SEC)

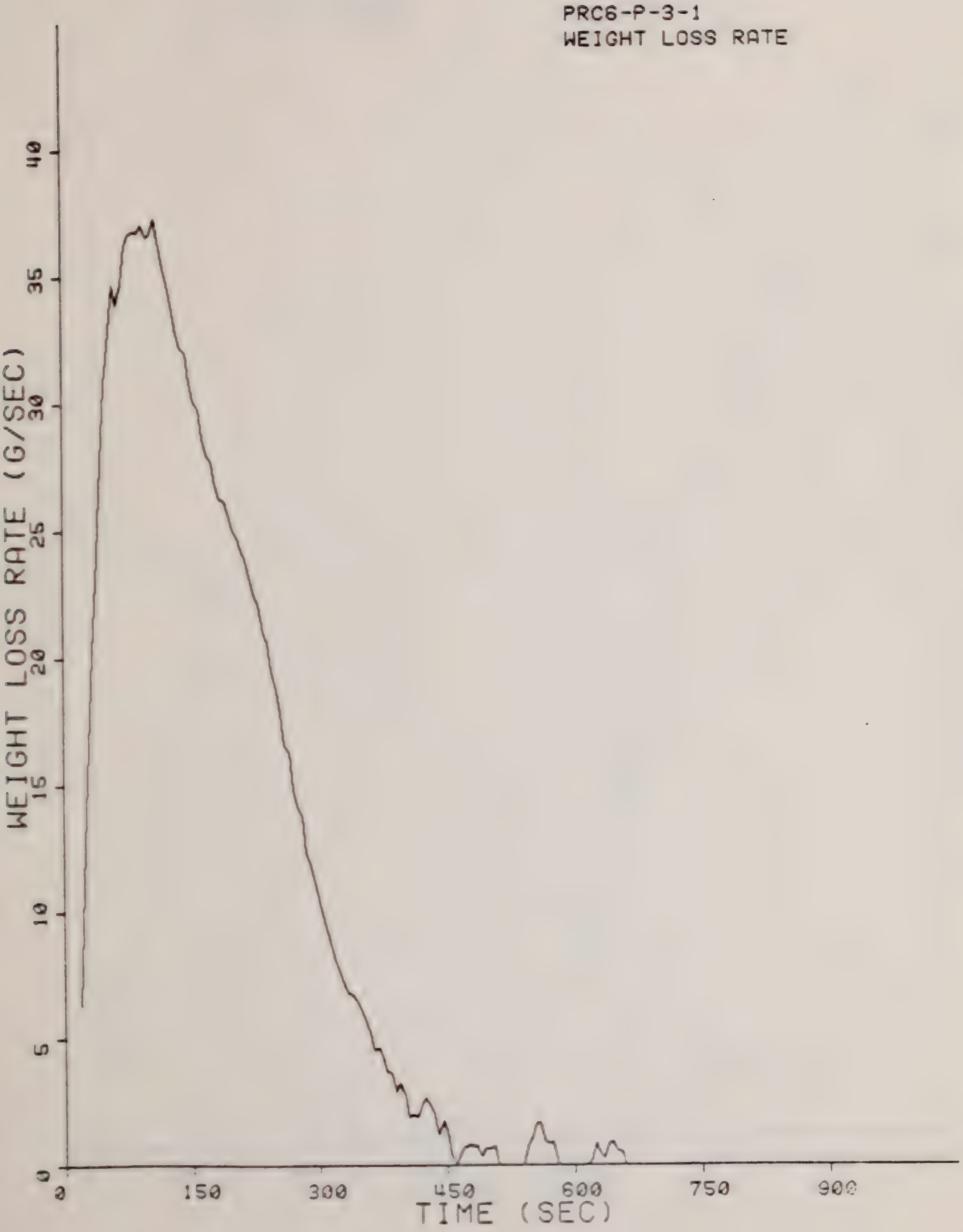

PRC5-W-2-1
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
3
6
9
12
15
18
21
24
0
150
300
450
600
750
900
TIME (SEC)

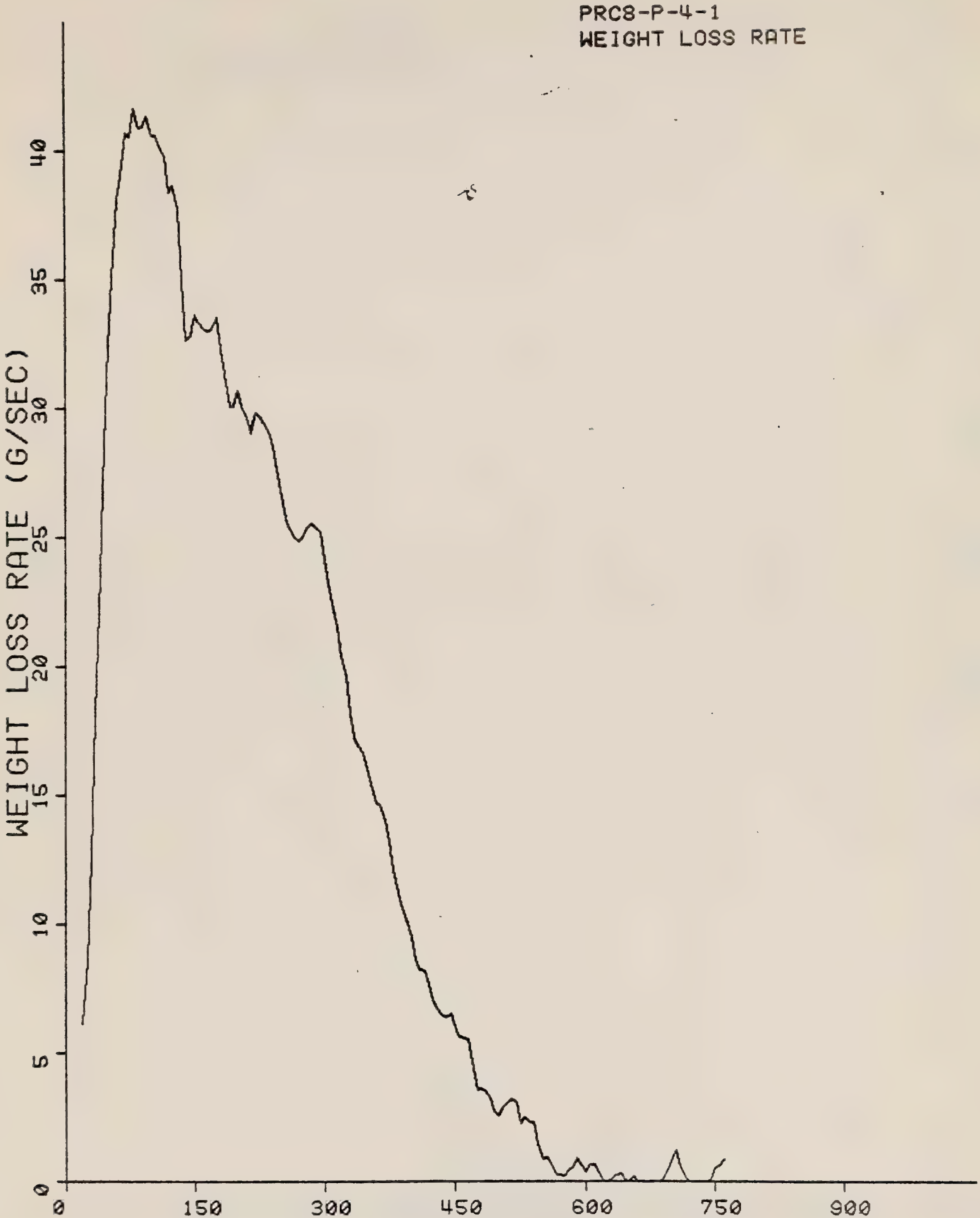

PRC2-W-3-1
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
5
10
15
20
25
30
35
40
0
150
300
450
600
750
900
TIME (SEC)

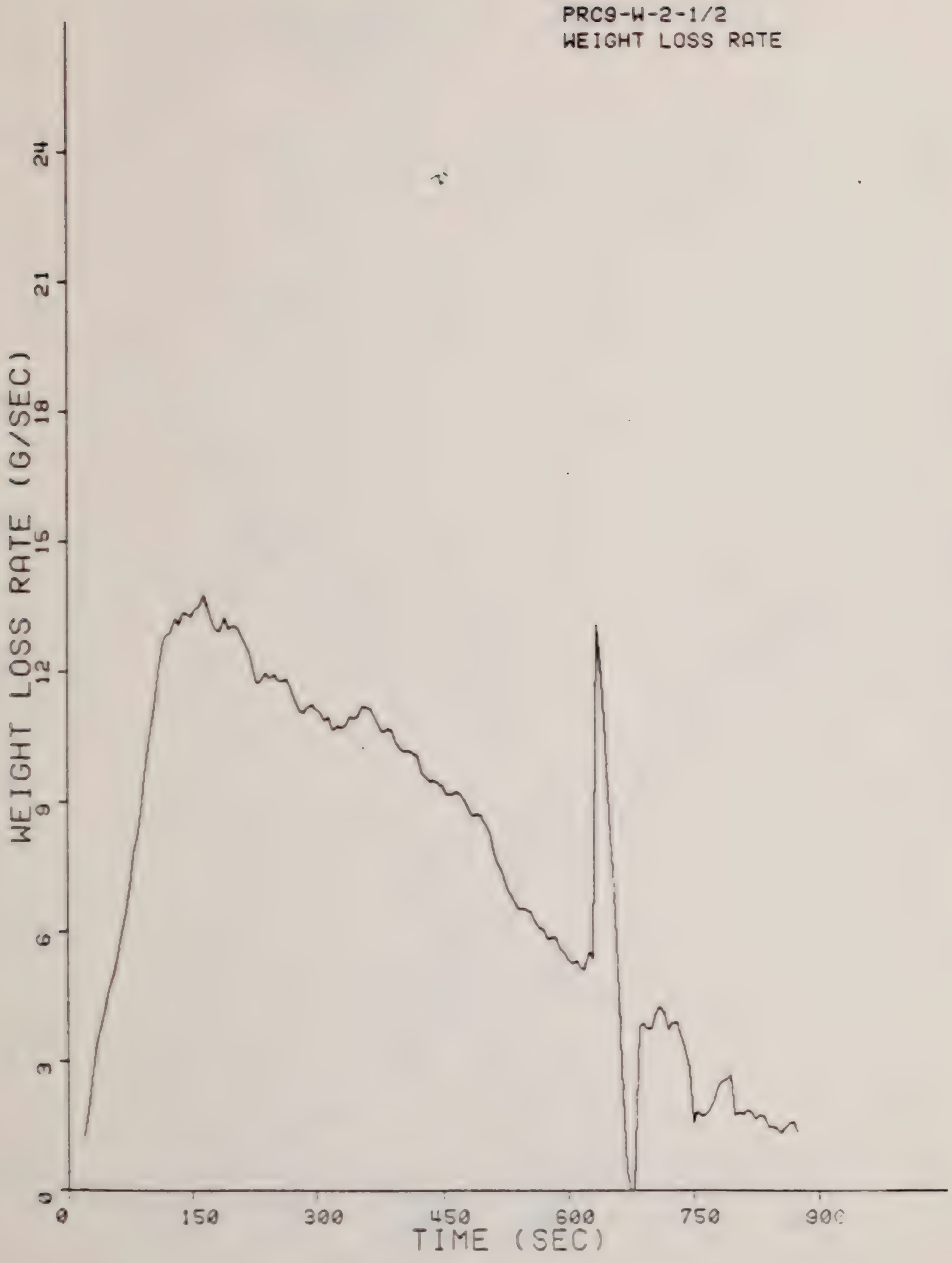

PRC7-W-4-1
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
5
10
15
20
25
30
35
40
0
150
300
450
600
750
900
TIME (SEC)

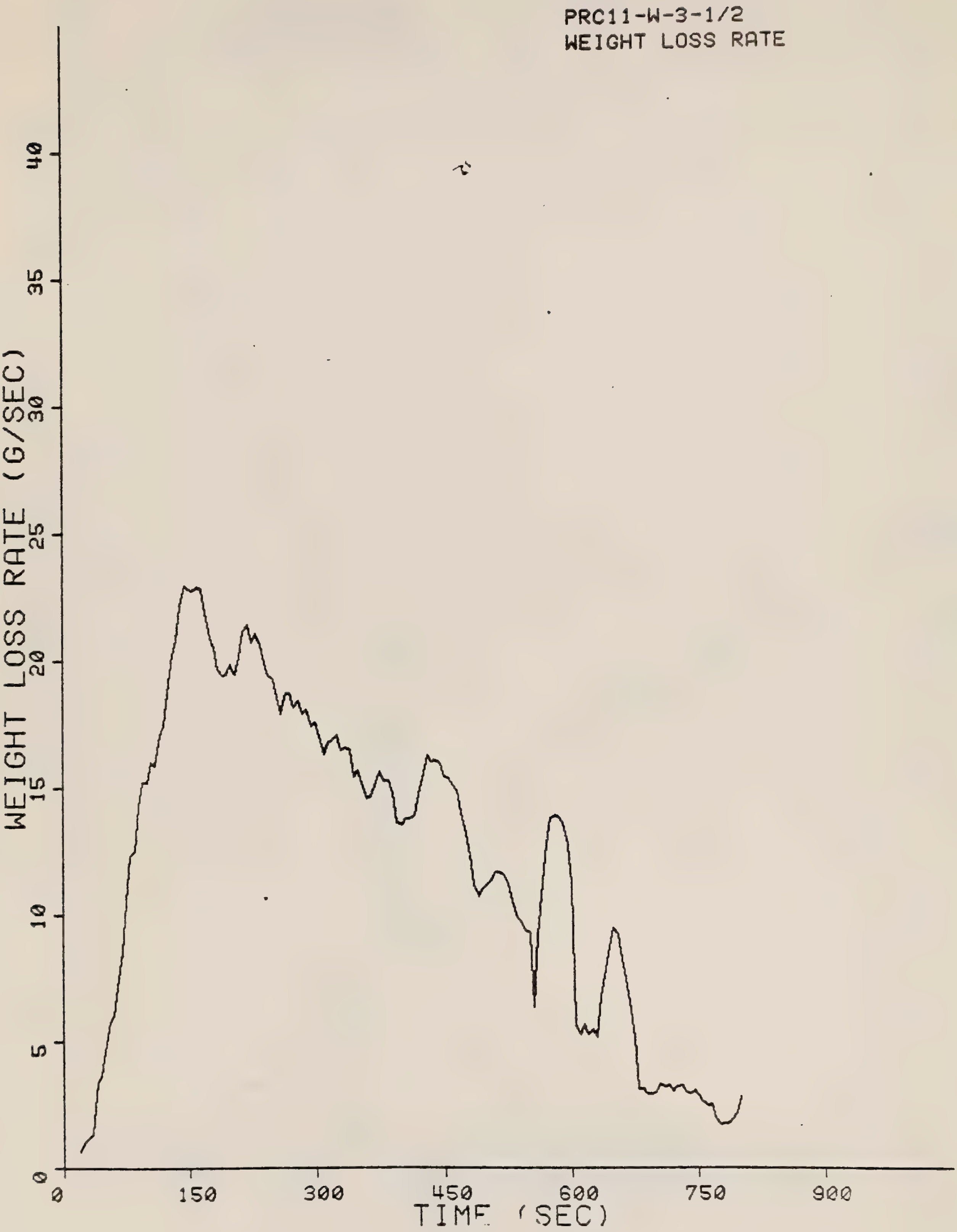

PRC1-P-1-1
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
1
2
3
4
5
6
7
8
0
150
300
450
600
750
900
TIME (SEC)

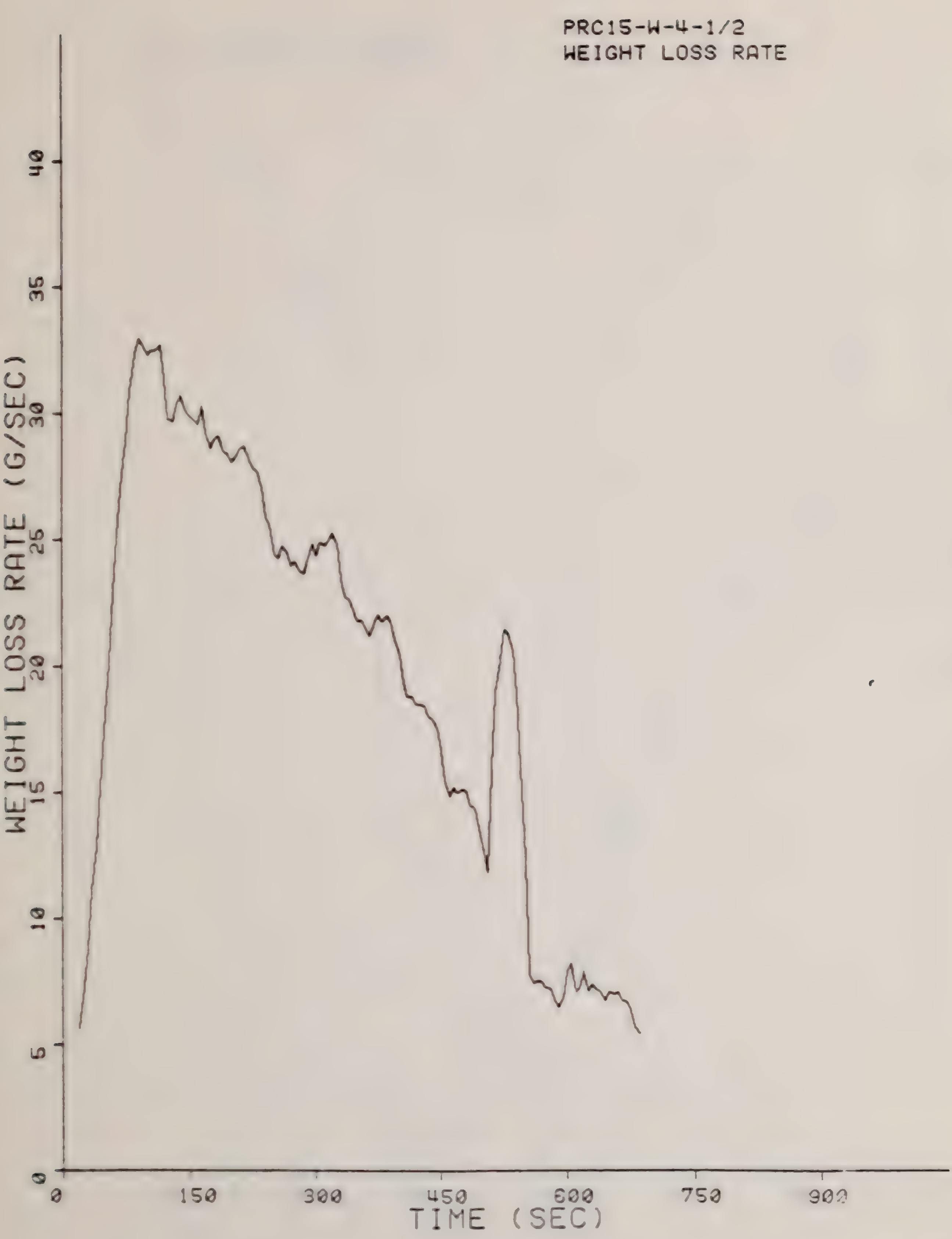

PRC4-P-2-1
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
3
6
9
12
15
18
21
24
TIME (SEC)
0
150
300
450
600
750
900

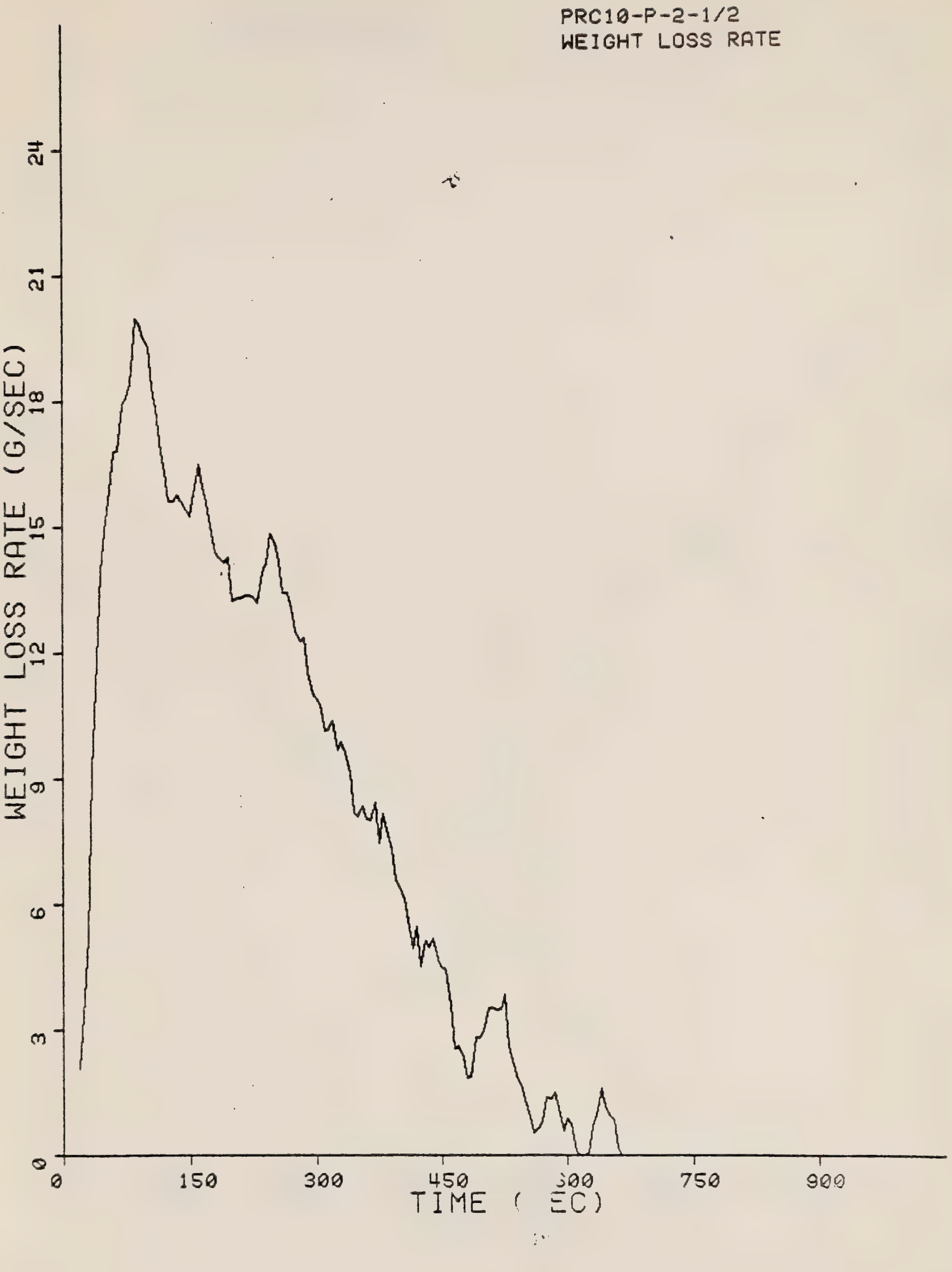

PRC6-P-3-1
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
5
10
15
20
25
30
35
40
0
150
300
450
600
750
900
TIME (SEC)

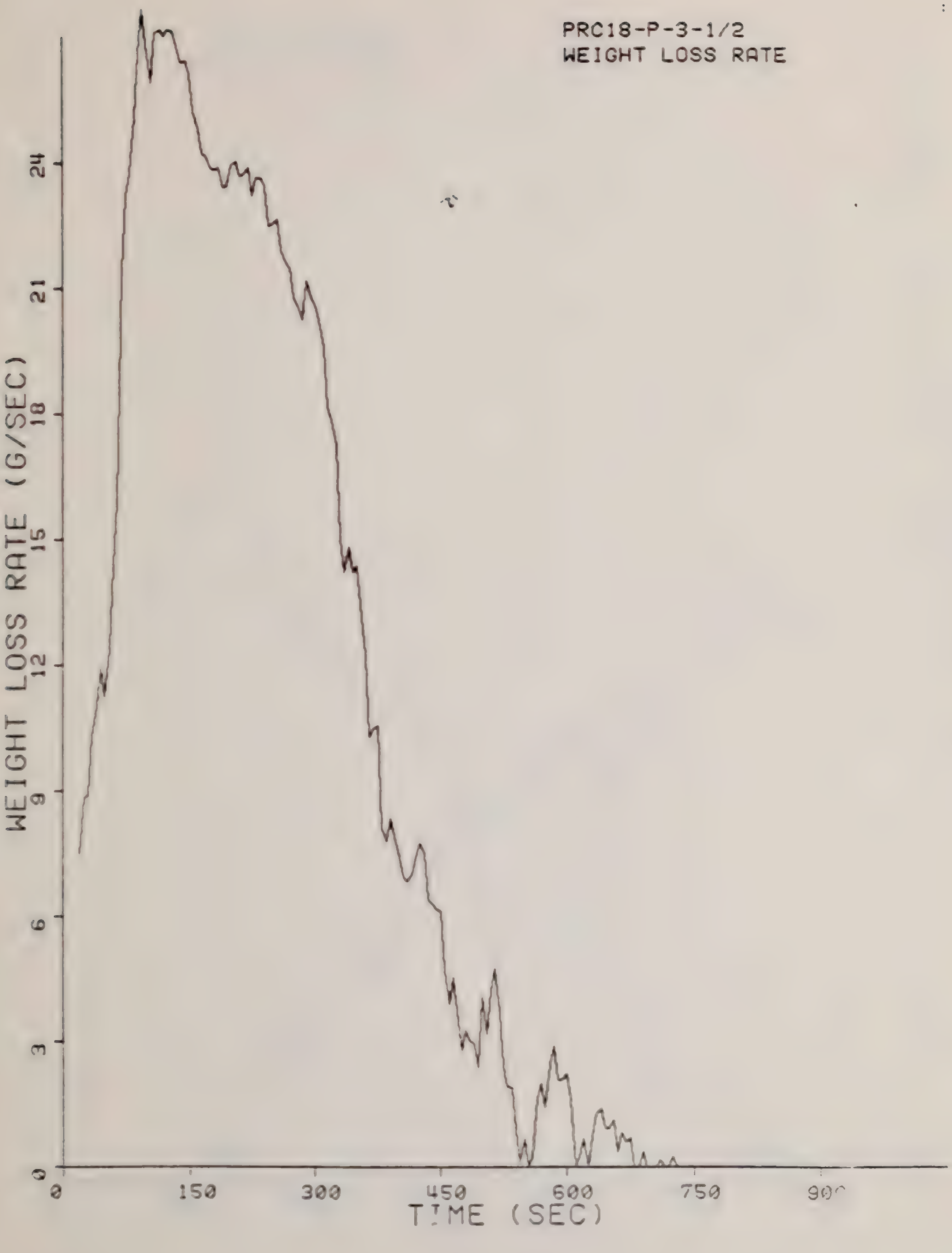

PRC8-P-4-1
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
5
10
15
20
25
30
35
40
0
150
300
450
600
750
900
TIME (SEC)

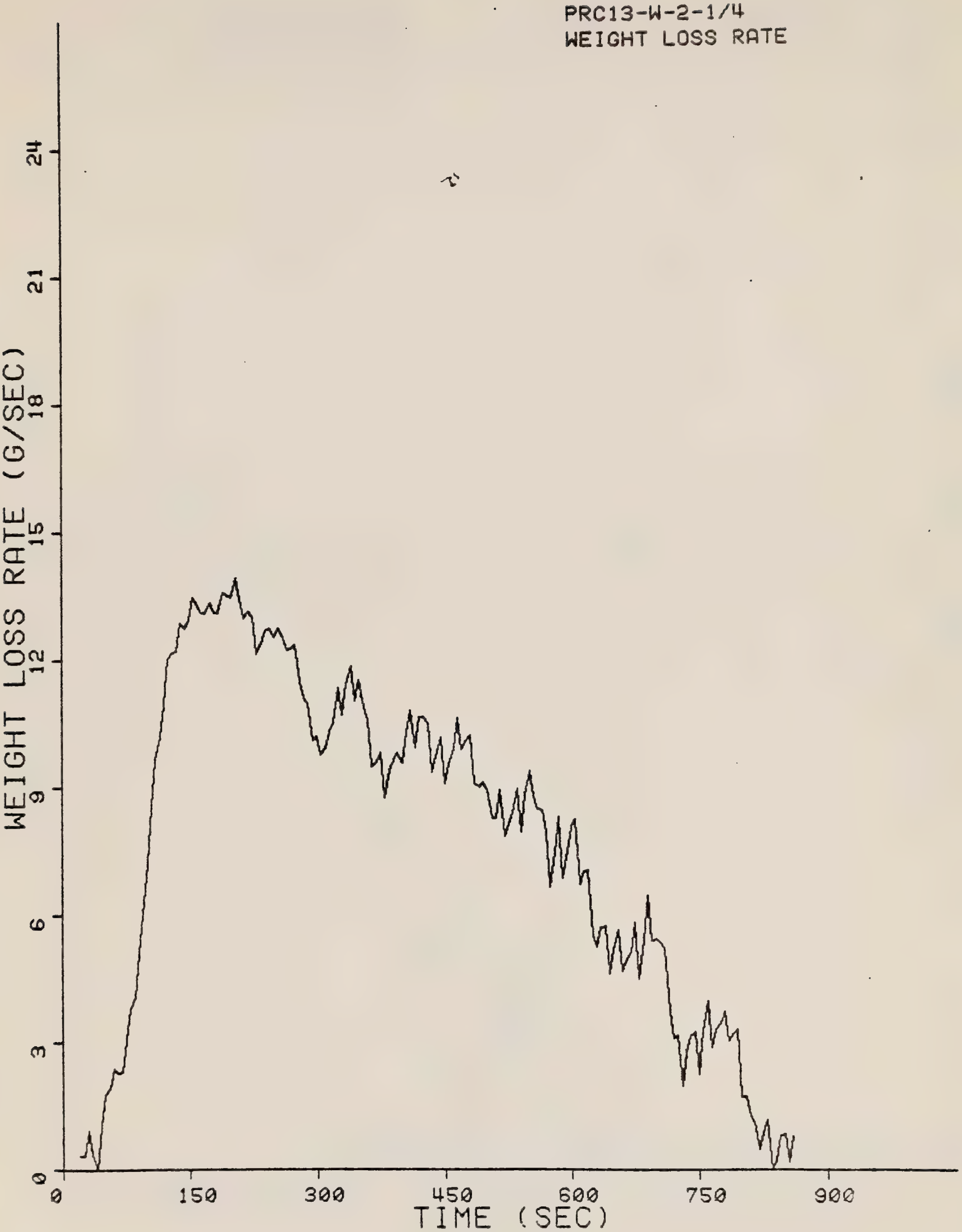
PRC9-W-2-1/2
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
3
6
9
12
15
18
21
24
0
150
300
450
600
750
900
TIME (SEC)

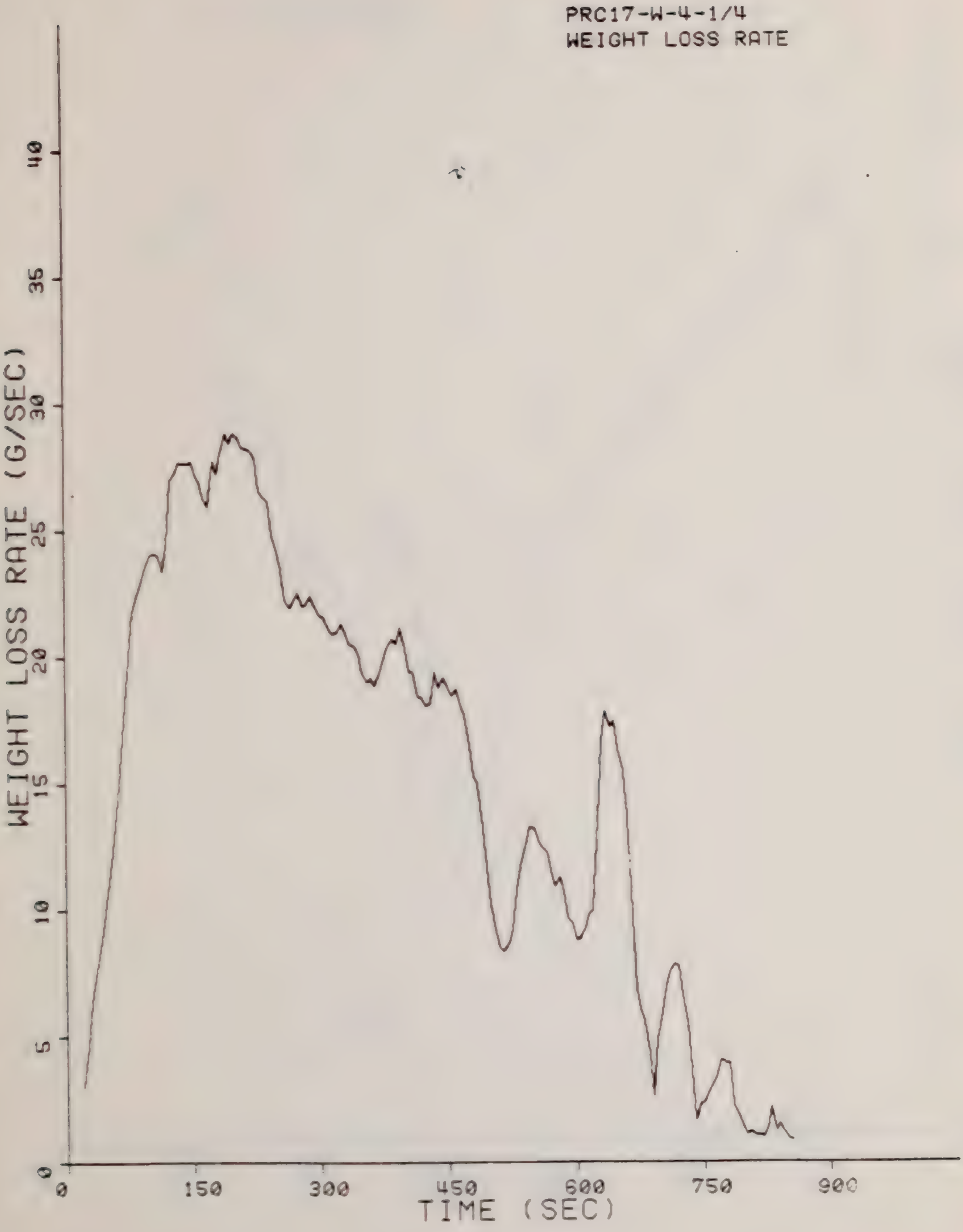

PRC11-W-3-1/2
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
5
10
15
20
25
30
35
40
0
150
300
450
600
750
900
TIME (SEC)

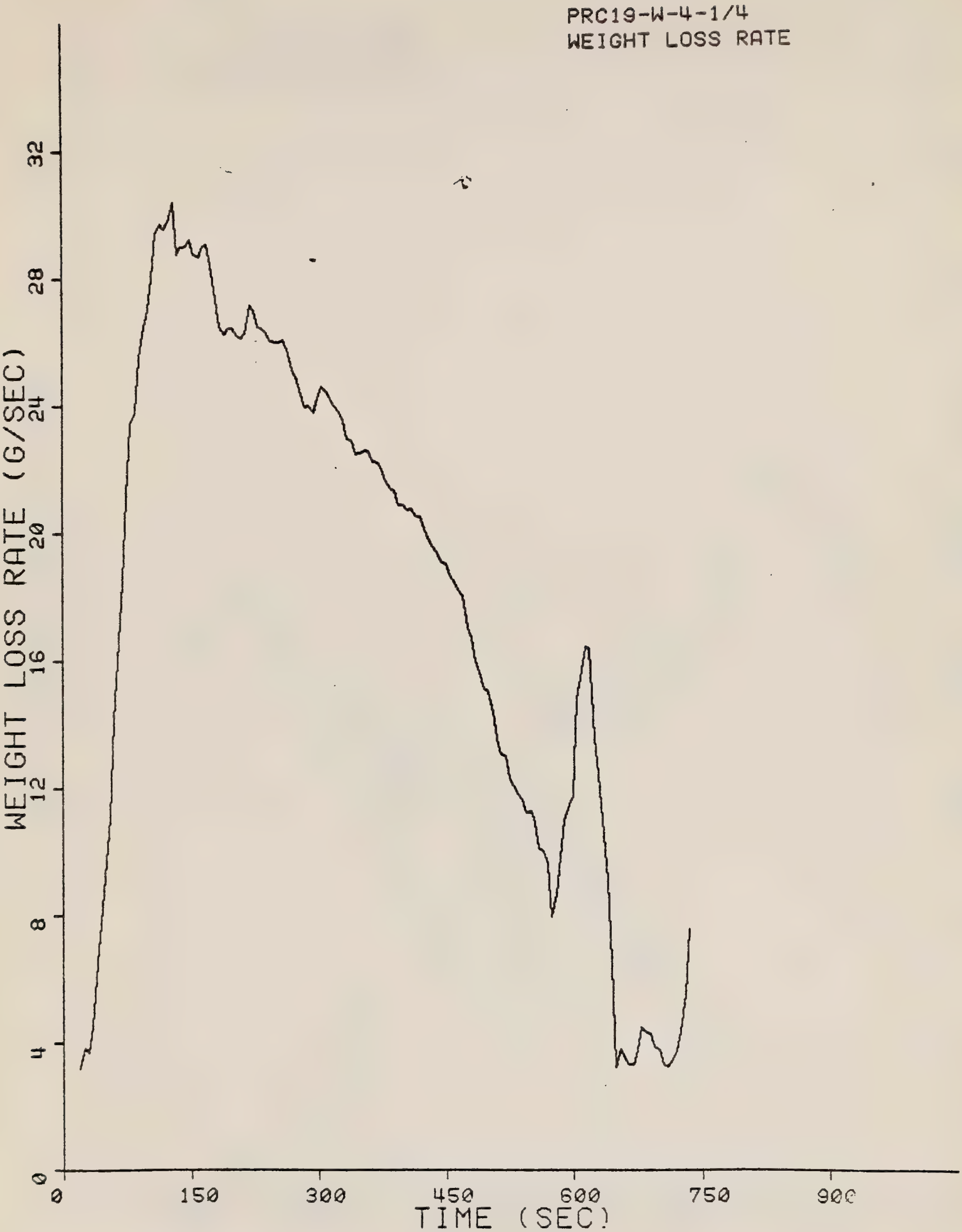

PRC15-W-4-1/2
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
5
10
15
20
25
30
35
40
0
150
300
450
600
750
900
TIME (SEC)

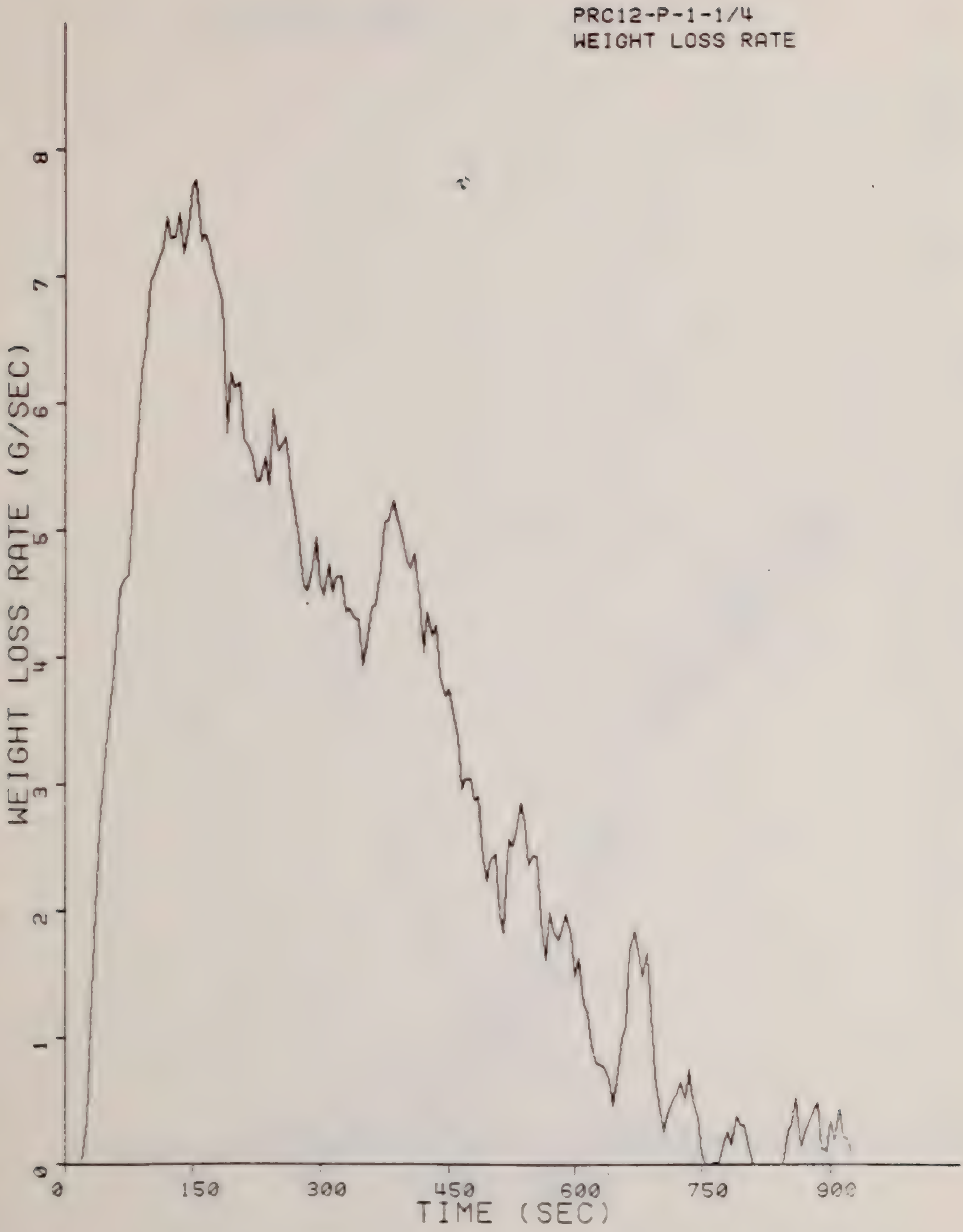

PRC10-P-2-1/2
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
3
6
9
12
15
18
21
24
TIME (SEC)
0
150
300
450
600
750
900

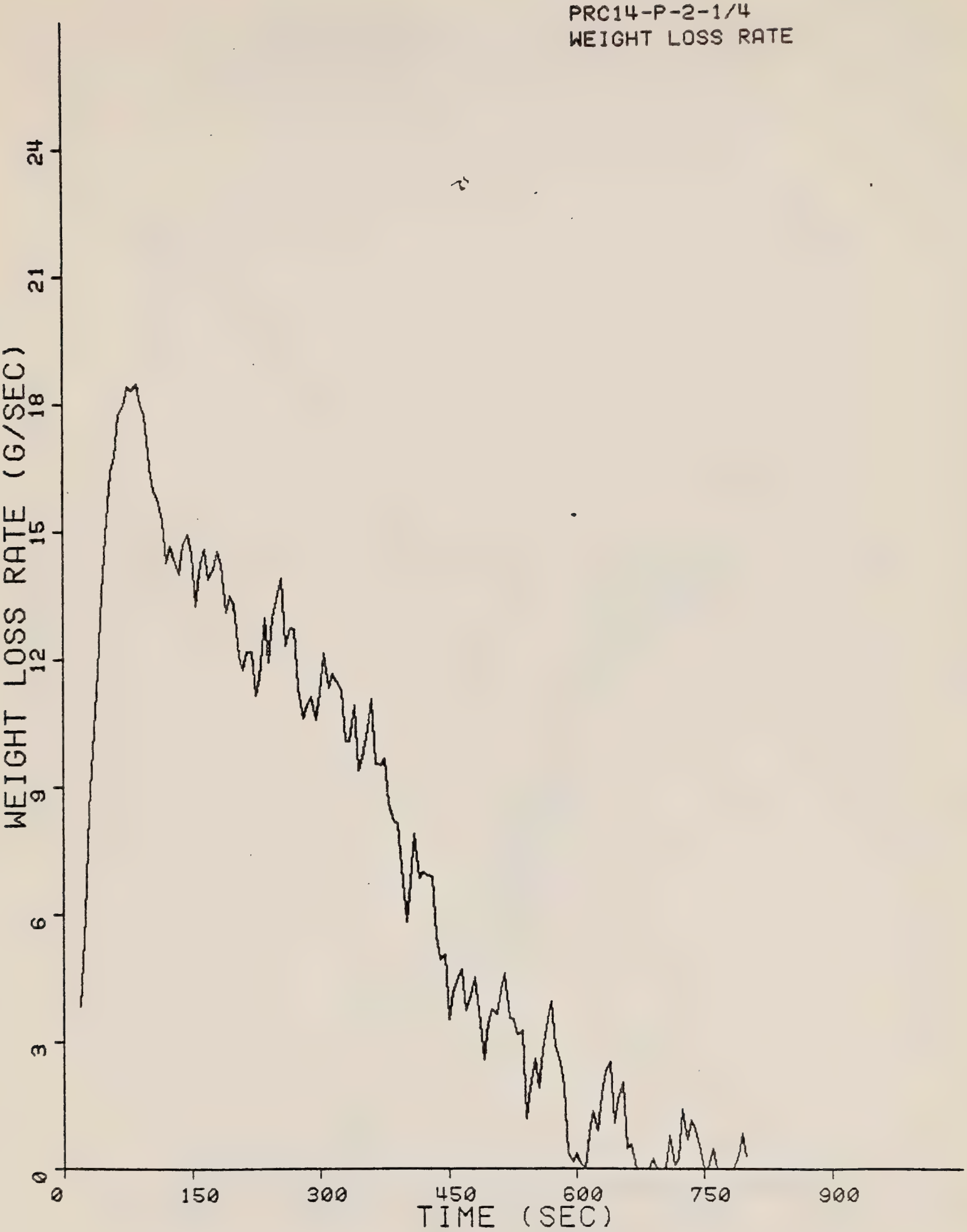

PRC18-P-3-1/2
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
3
6
9
12
15
18
21
24
0
150
300
450
600
750
900
TIME (SEC)

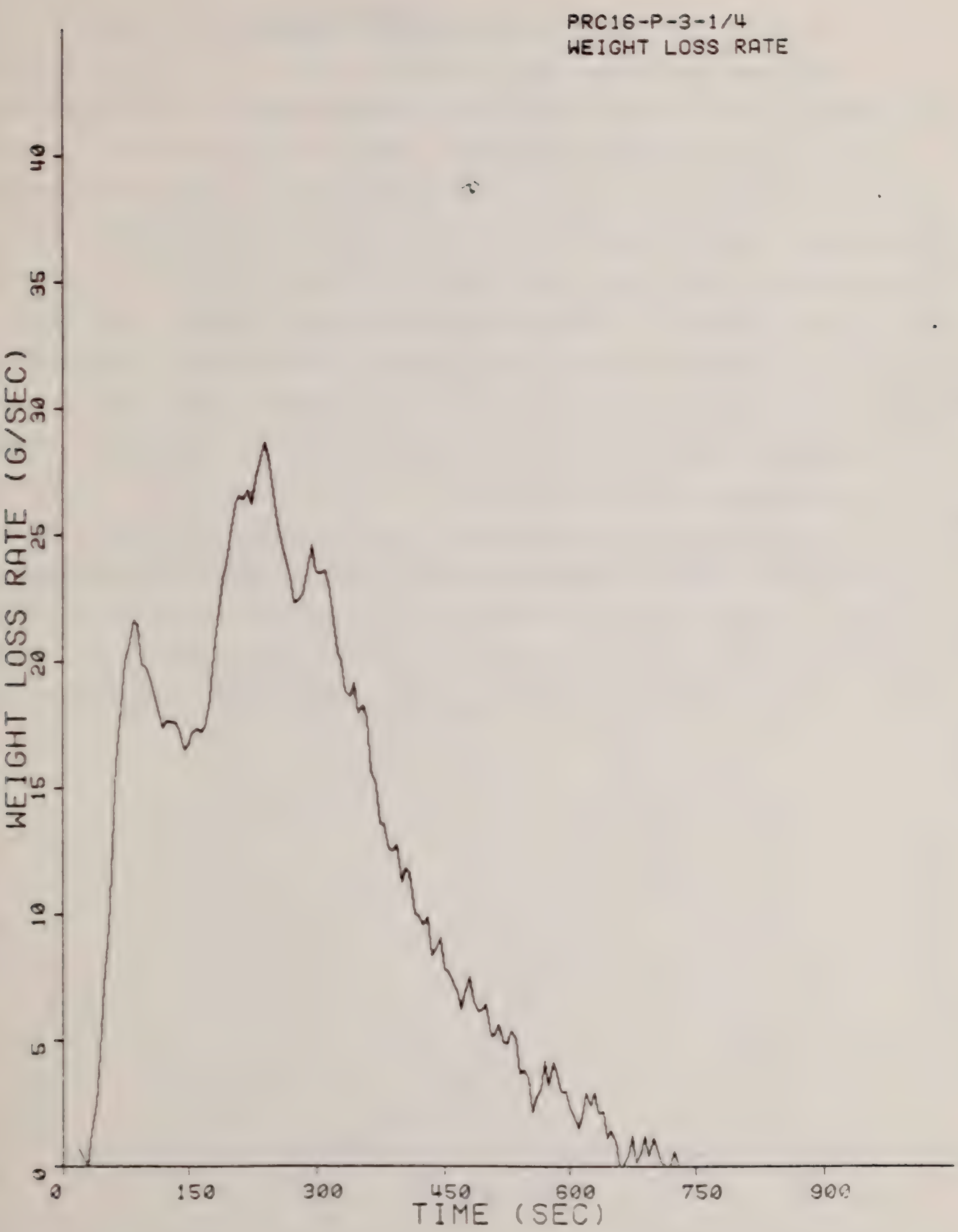

PRC13-W-2-1/4
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
3
6
9
12
15
18
21
24
TIME (SEC)
0
150
300
450
600
750
900

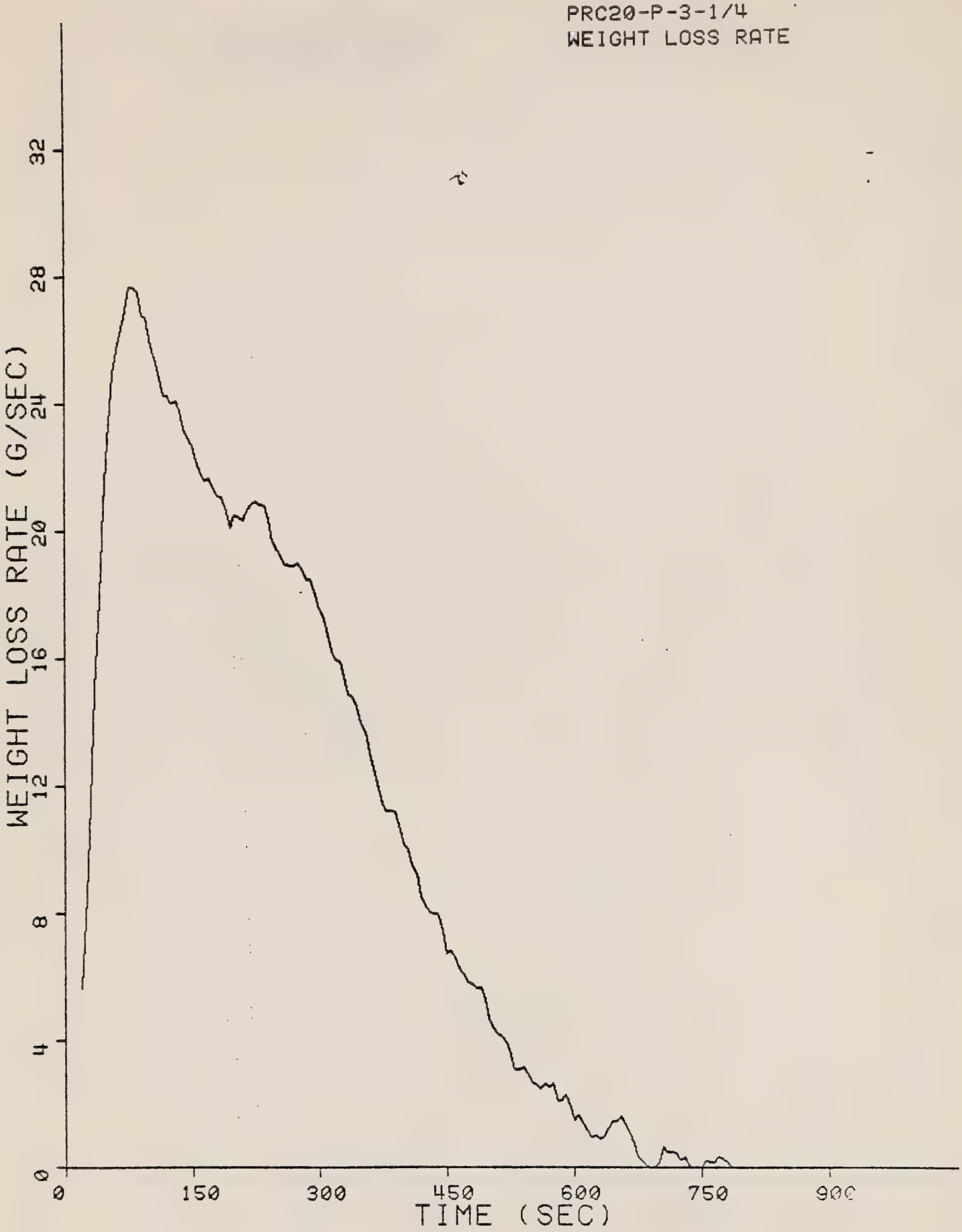

PRC17-W-4-1/4
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
5
10
15
20
25
30
35
40
TIME (SEC)
0
150
300
450
600
750
900

PRC19-W-4-1/4
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
TIME (SEC)
0
4
8
12
16
20
24
28
32
0
150
300
450
600
750
900


PRC12-P-1-1/4
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
1
2
3
4
5
6
7
8
0
150
300
450
600
750
900
TIME (SEC)

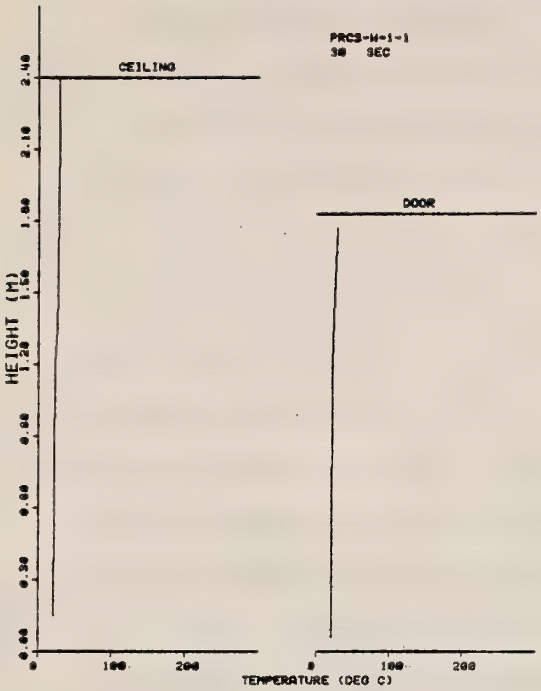

PRC14-P-2-1/4
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
3
6
9
12
15
18
21
24
0
150
300
450
600
750
900
TIME (SEC)

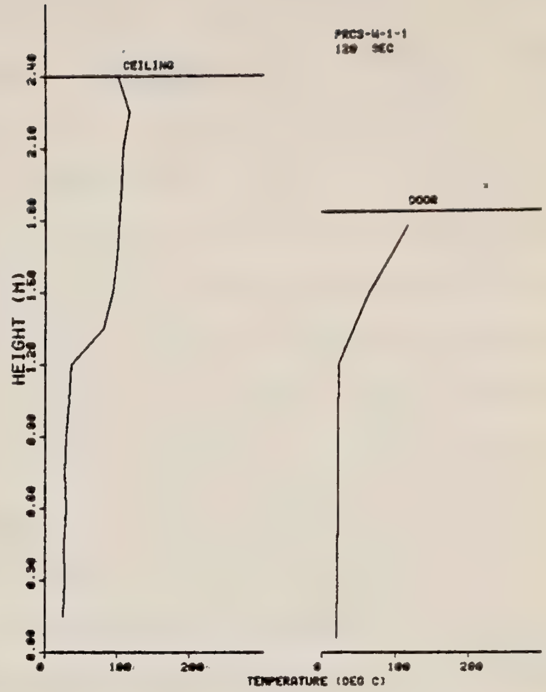

PRC16-P-3-1/4
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
5
10
15
20
25
30
35
40
TIME (SEC)
0
150
300
450
600
750
900

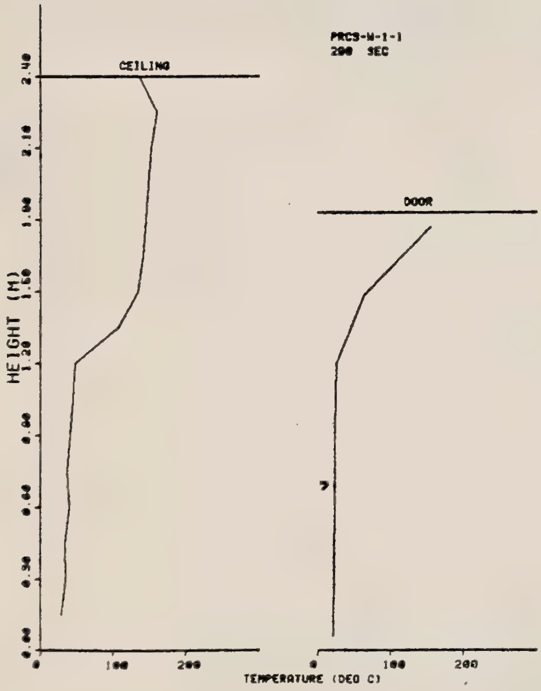

PRC20-P-3-1/4
WEIGHT LOSS RATE
WEIGHT LOSS RATE (G/SEC)
0
4
8
12
16
20
24
28
32
TIME (SEC)
0
150
300
450
600
750
900

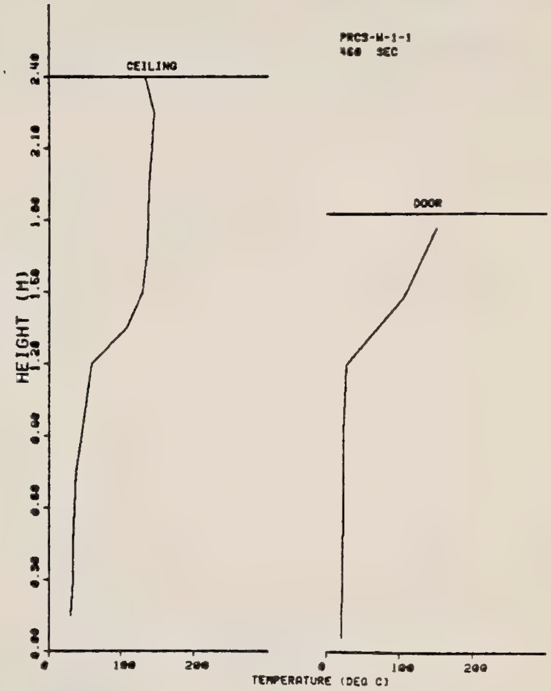
6. ROOM AND DOORWAY GAS TEMPERATURE PROFILES (T)

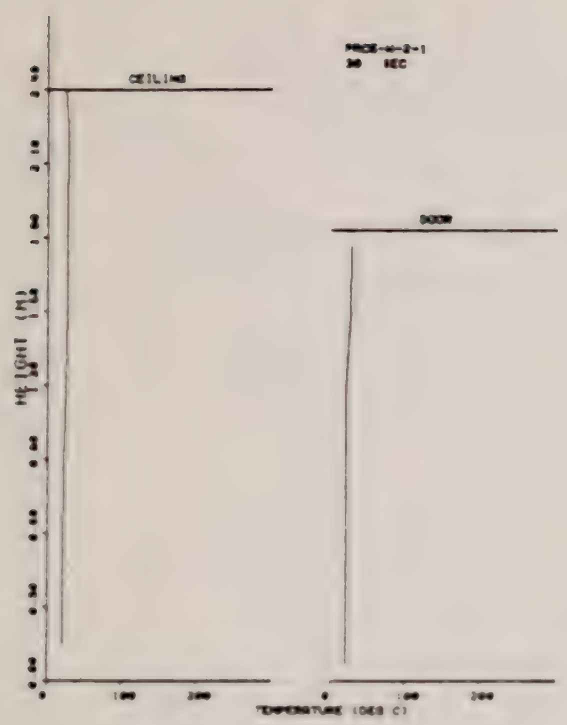
A sequence of room and doorway temperature profiles is shown in figures 6-1 to 6-20. In each figure the time sequence of profiles is shown for 30 seconds after ignition, the start of the average peak burning period, its midpoint, and its end. The plotted curves connect the data points, which have not been shown explicitly. The distinguishing features of the profiles are their shape and magnitude during the peak burning period. The depth of the heated gases within the room is much lower for the smaller doorway cases and stratification is stronger there. The "Star" data point in tests PRC 9 through PRC 20 indicates the true gas temperature measured by the aspirated probe at that point. A significant result is that the maximum doorway temperature is lower in each case than the maximum temperature in the room. This is probably due to heat loss from the gases flowing between the two measuring stations. Thus a unique upper and lower room gas temperature is an idealization. Yet this concept is useful in analyzing room fire data and in predicting fire behavior from zone models. However, there will always be some inconsistency between measured room temperatures and those temperatures predicted by zone models.

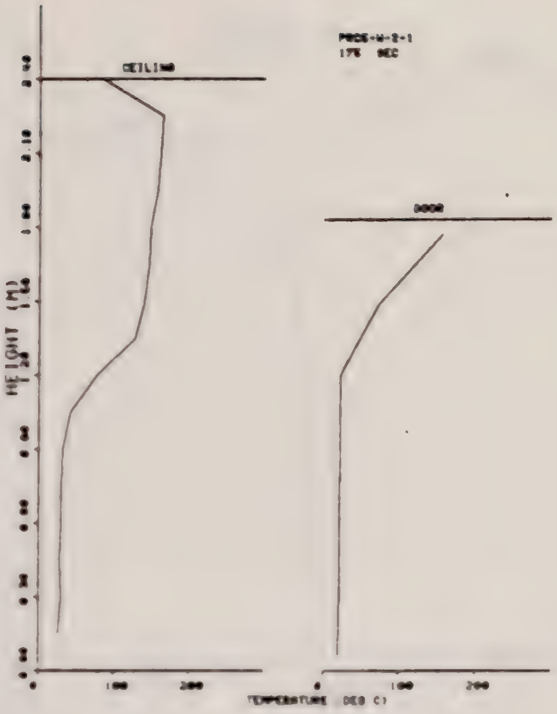

PRC3-W-1-1
30 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
100
200
0
100
200
TEMPERATURE (DEG C)

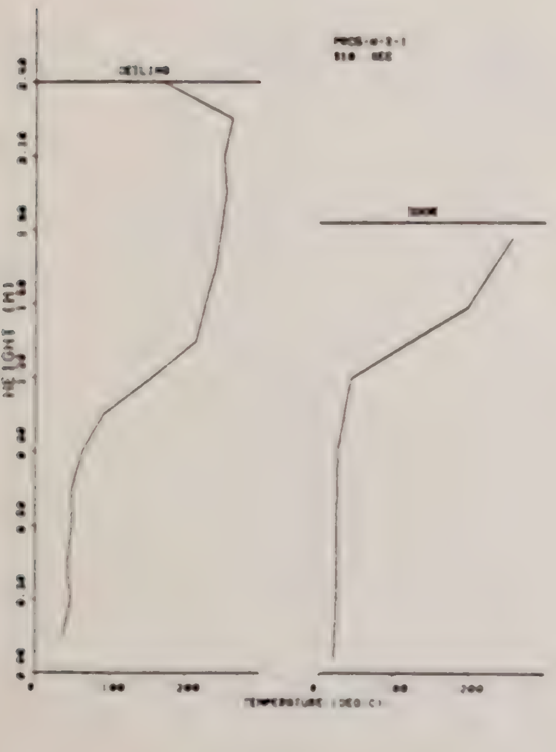

PRC3-W-1-1
120 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
100
200
0
100
200
TEMPERATURE (DEG C)

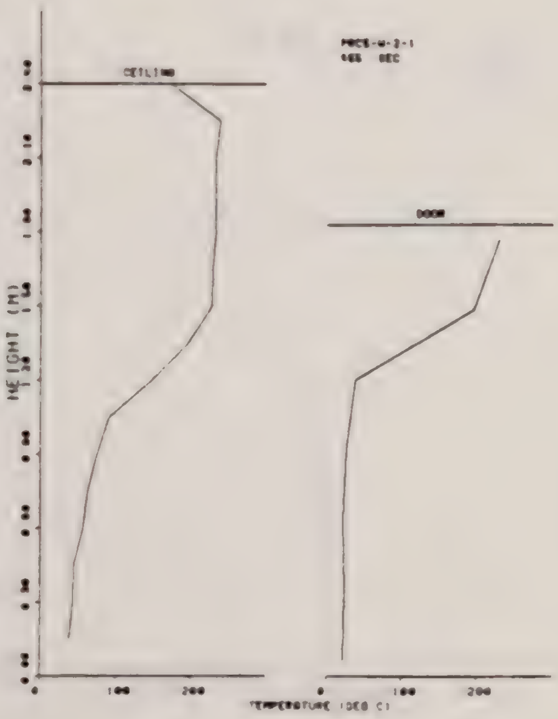

PRC3-W-1-1
200 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
100
200
0
100
200
TEMPERATURE (DEG C)

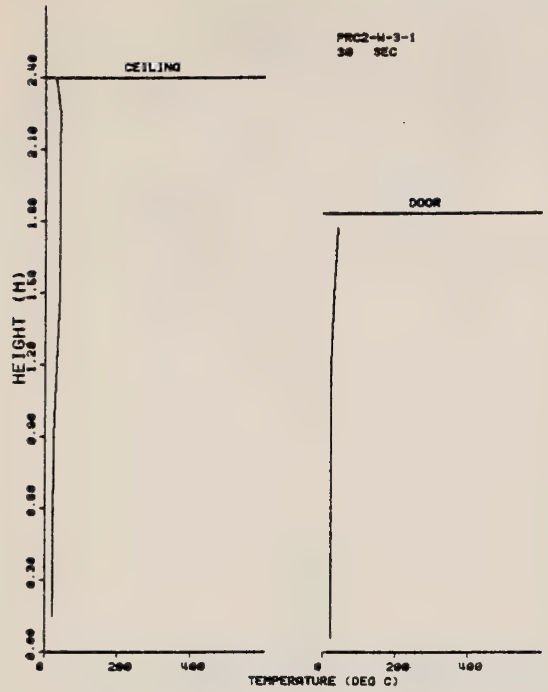

PRC3-W-1-1
460 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
100
200
0
100
200
TEMPERATURE (DEG C)

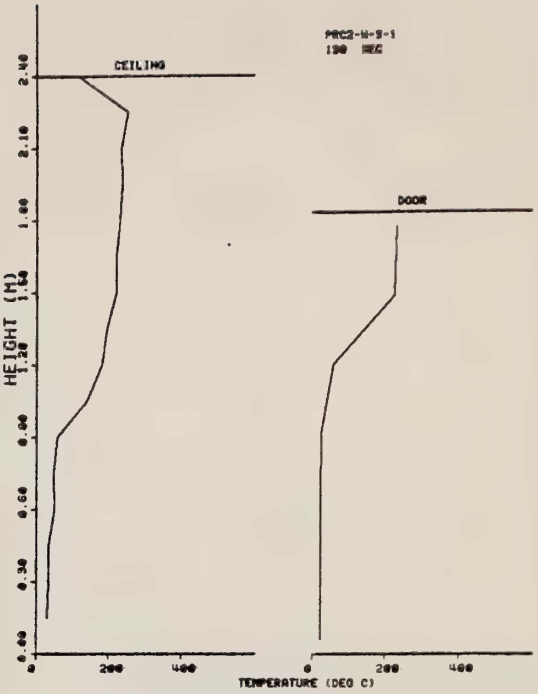

PRCS-W-2-1
30 SEC
CEILING
DOOR
HEIGHT (M)
0
100
200
0
100
200
TEMPERATURE (DEG C)


PRCS-W-2-1
175 SEC
CEILING
DOOR
HEIGHT (M)
0
100
200
0
100
200
TEMPERATURE (DEG C)


PRCS-W-2-1
310 SEC
CEILING
DOOR
HEIGHT (M)
0
100
200
0
100
200
TEMPERATURE (DEG C)


PRCS-W-2-1
465 SEC
CEILING
DOOR
HEIGHT (M)
0
100
200
0
100
200
TEMPERATURE (DEG C)


PRC2-W-3-1
30 SEC
CEILING
DOOR
HEIGHT (M)
2.40
2.10
1.80
1.50
1.20
0.90
0.60
0.30
0.00
0
200
400
0
200
400
TEMPERATURE (DEG C)


PRC2-W-3-1
130 SEC
CEILING
DOOR
HEIGHT (M)
2.40
2.10
1.80
1.50
1.20
0.90
0.60
0.30
0.00
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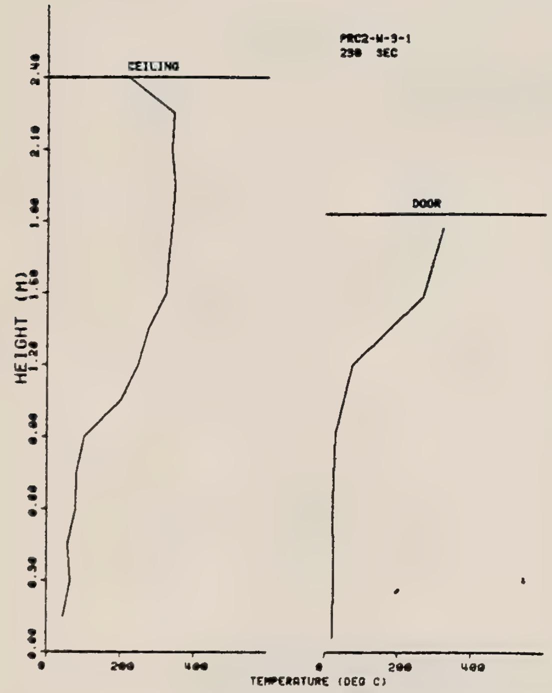
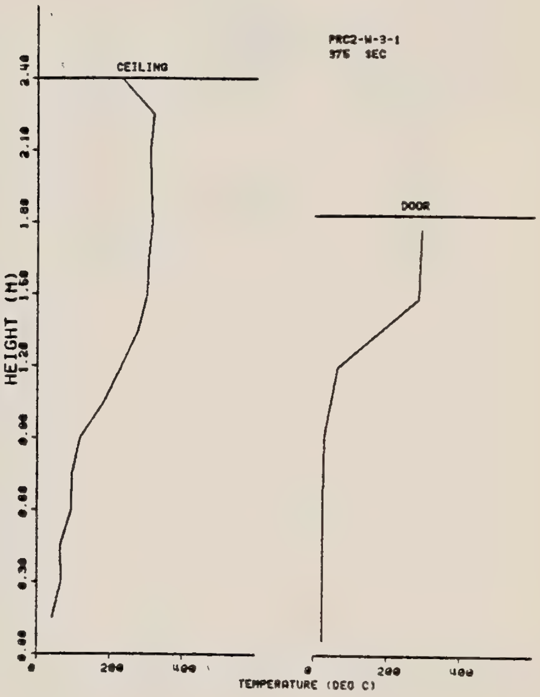
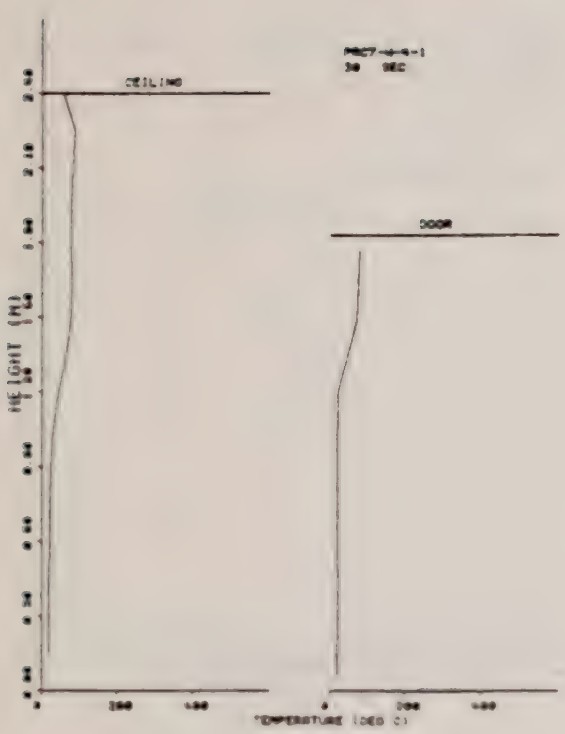
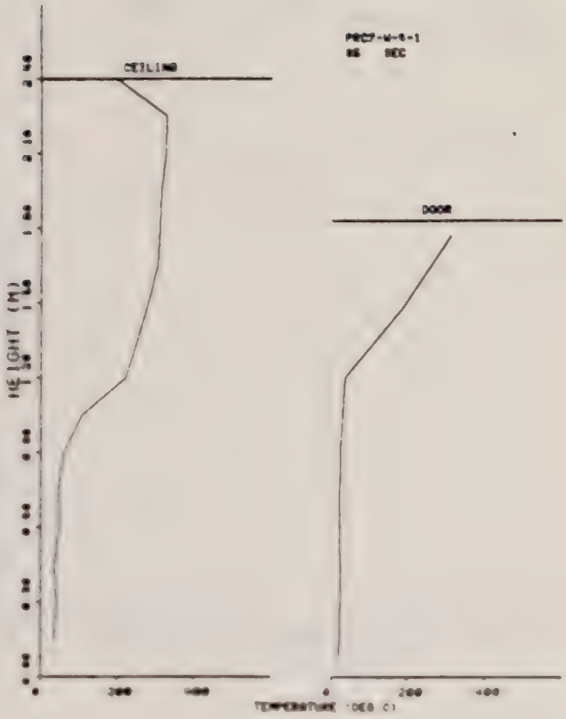
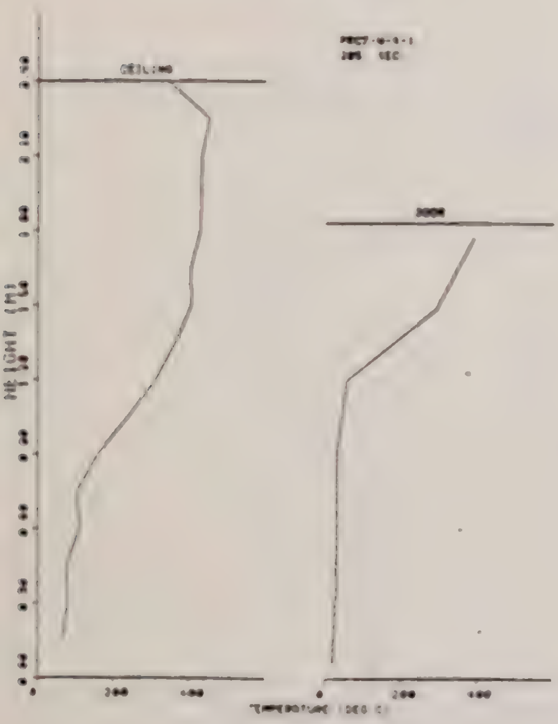
200
400
0
200
400
TEMPERATURE (DEG C)

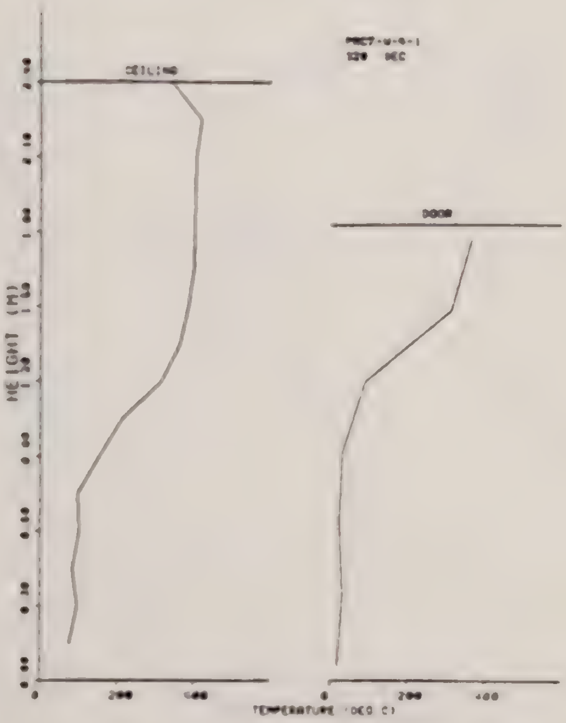

PRC2-W-3-1
230 SEC
CEILING
DOOR
HEIGHT (M)
2.40
2.10
1.80
1.50
1.20
0.90
0.60
0.30
0.00
0
200
400
0
200
400
TEMPERATURE (DEG C)

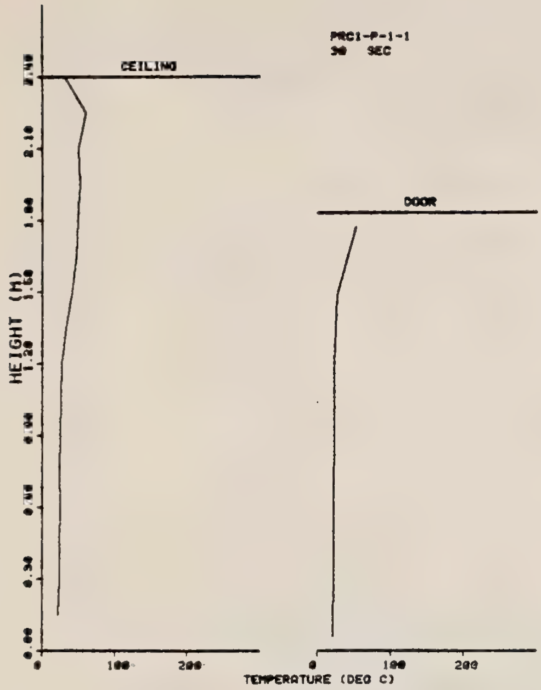

PRC2-W-3-1
375 SEC
CEILING
DOOR
HEIGHT (M)
2.40
2.10
1.80
1.50
1.20
0.90
0.60
0.30
0.00
0
200
400
0
200
400
TEMPERATURE (DEG C)

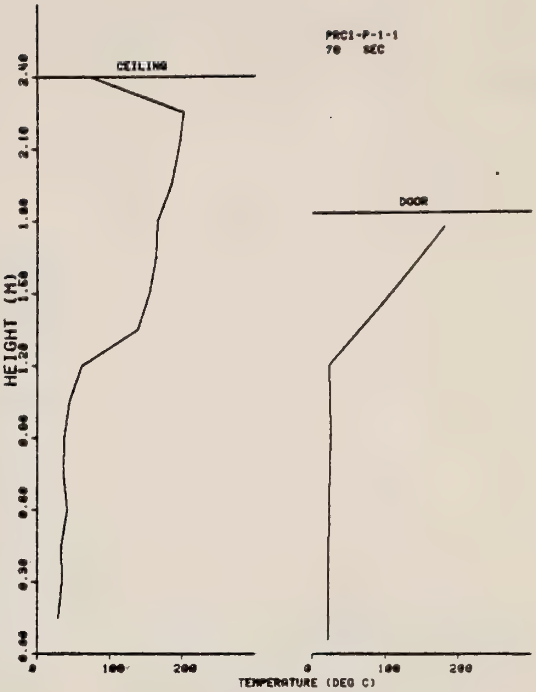

PRC7-W-9-1
30 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
0
200
400
TEMPERATURE (DEG C)

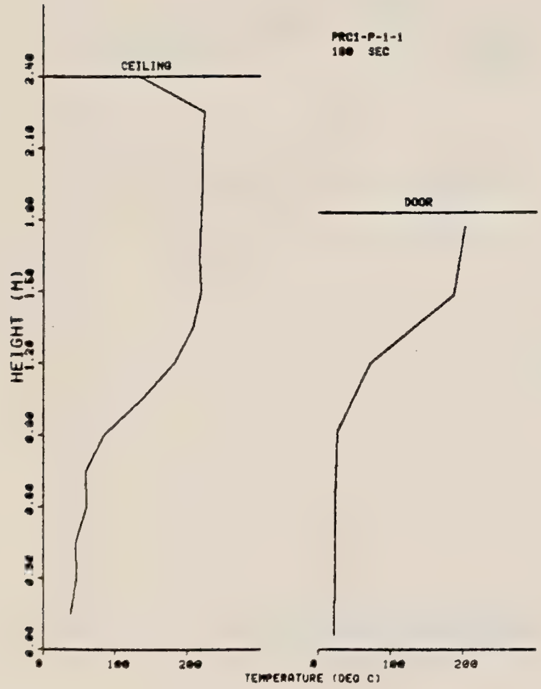

PRC7-W-9-1
90 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
0
200
400
TEMPERATURE (DEG C)

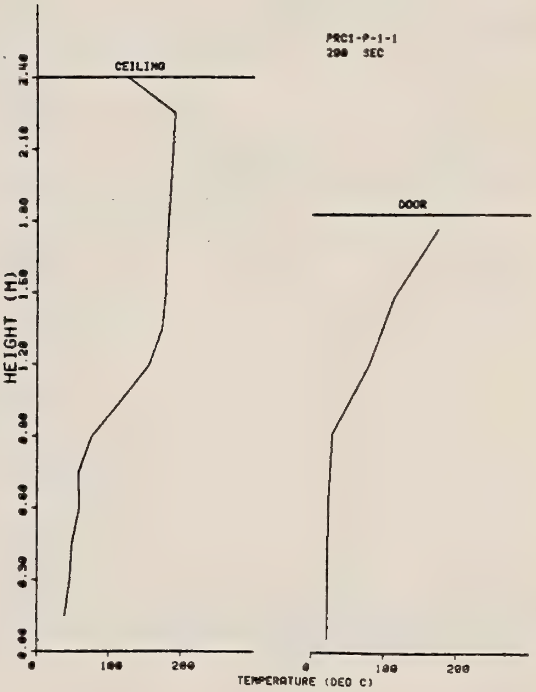

PRC7-W-9-1
205 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
0
200
400
TEMPERATURE (DEG C)

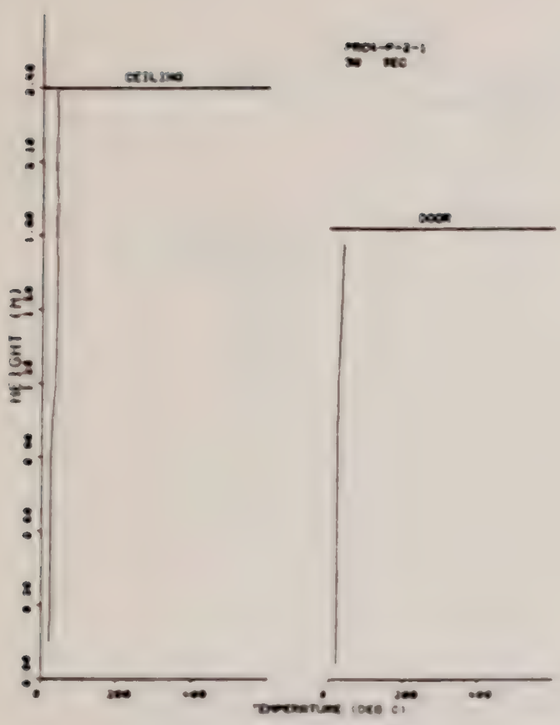

PRC7-W-9-1
320 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
0
200
400
TEMPERATURE (DEG C)

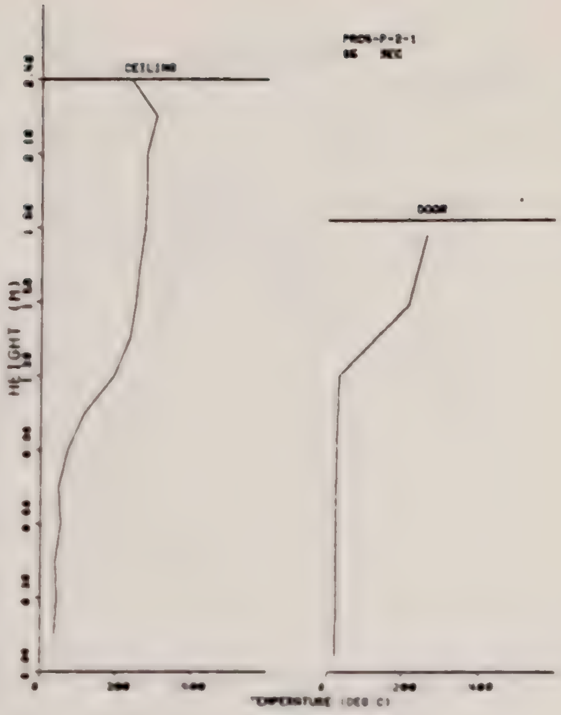

PRC1-P-1-1
30 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
100
200
0
100
200
TEMPERATURE (DEG C)

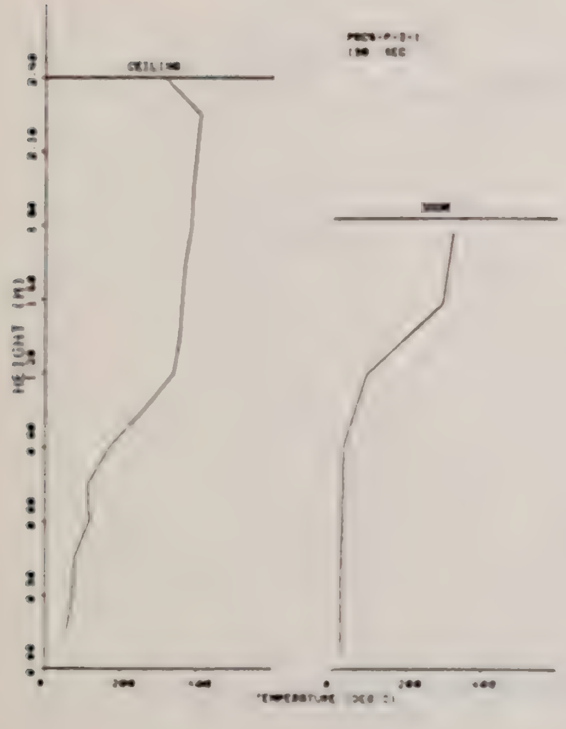

PRC1-P-1-1
70 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
100
200
0
100
200
TEMPERATURE (DEG C)

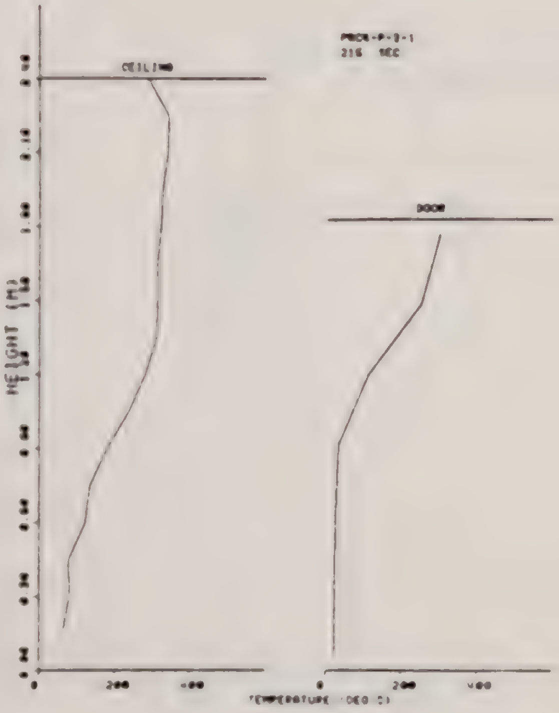

PRC1-P-1-1
100 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
100
200
0
100
200
TEMPERATURE (DEG C)

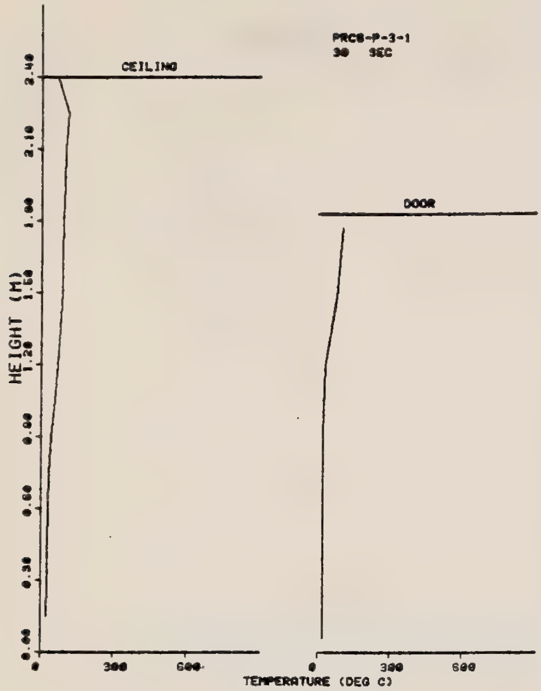

PRC1-P-1-1
200 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
100
200
0
100
200
TEMPERATURE (DEG C)

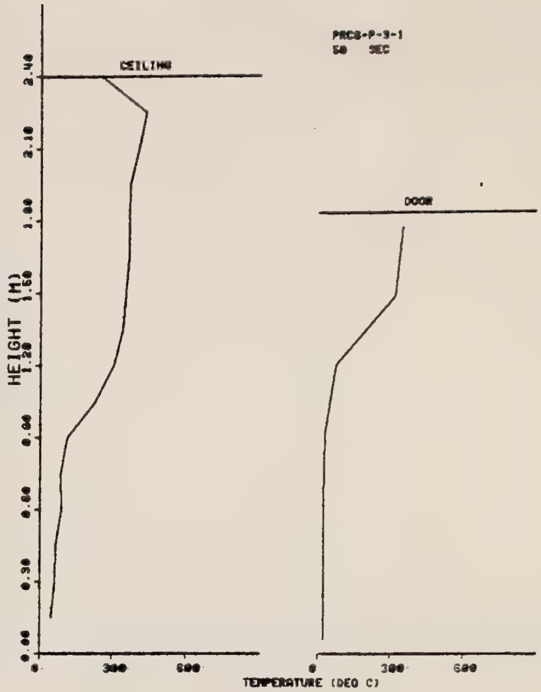

PRCN-P-2-1
30 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
0
200
400
TEMPERATURE (DEG C)

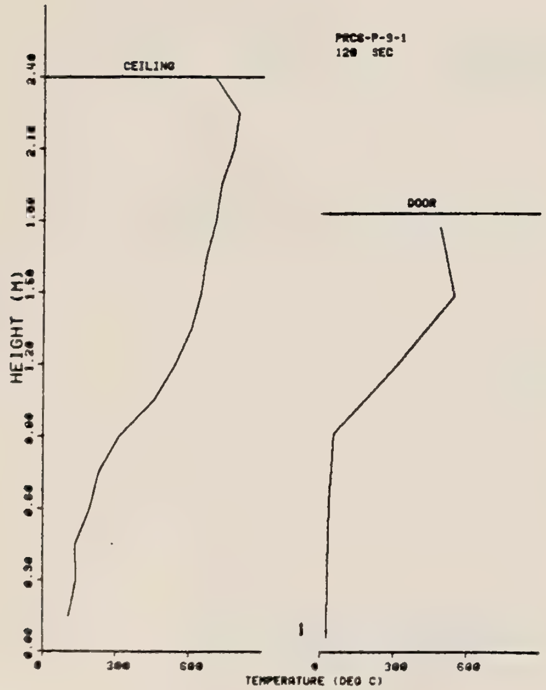

PRCN-P-2-1
95 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
0
200
400
TEMPERATURE (DEG C)

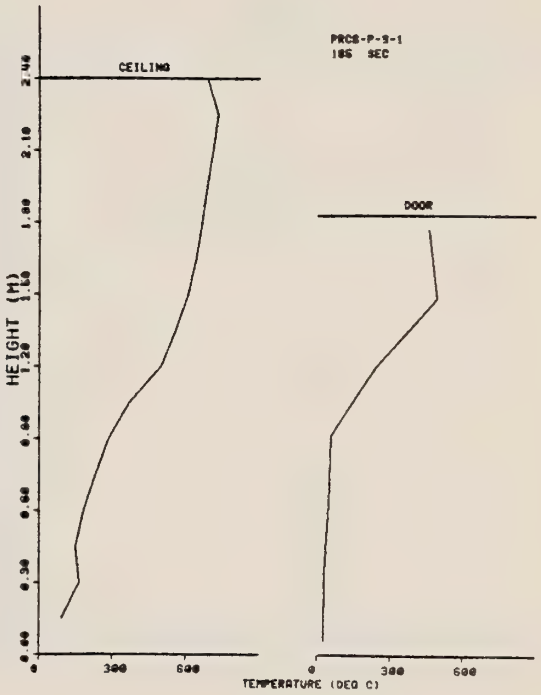

PRCN-P-2-1
150 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
0
200
400
TEMPERATURE (DEG C)

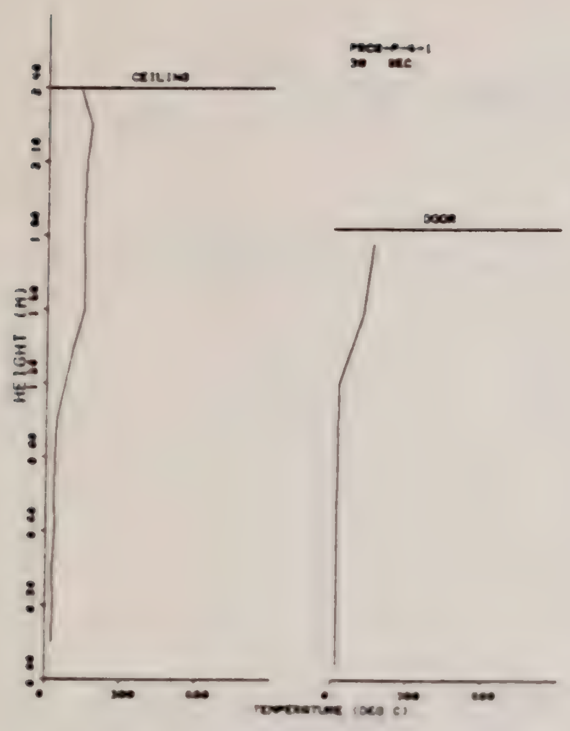

PRCN-P-2-1
215 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
0
200
400
TEMPERATURE (DEG C)

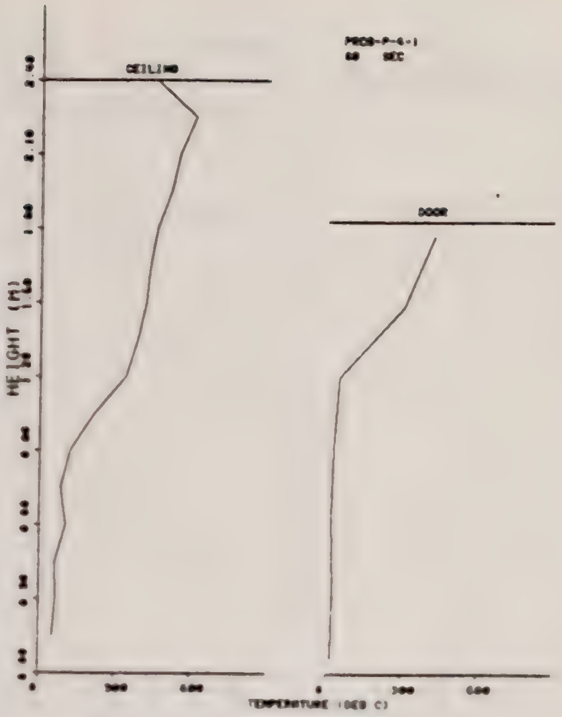

PRCS-P-3-1
30 SEC
CEILING
DOOR
HEIGHT (M)
2.40
2.10
1.80
1.50
1.20
0.90
0.60
0.30
0.00
0
300
600
0
300
600
TEMPERATURE (DEG C)


PRCS-P-3-1
50 SEC
CEILING
DOOR
HEIGHT (M)
2.40
2.10
1.80
1.50
1.20
0.90
0.60
0.30
0.00
0
300
600
0
300
600
TEMPERATURE (DEG C)


PRCS-P-3-1
120 SEC
CEILING
DOOR
HEIGHT (M)
2.40
2.10
1.80
1.50
1.20
0.90
0.60
0.30
0.00
0
300
600
0
300
600
TEMPERATURE (DEG C)


PRCS-P-3-1
185 SEC
CEILING
DOOR
HEIGHT (M)
2.40
2.10
1.80
1.50
1.20
0.90
0.60
0.30
0.00
0
300
600
0
300
600
TEMPERATURE (DEG C)


PRCB-P-4-1
30 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
300
600
0
300
600
TEMPERATURE (DEG C)


PRCB-P-4-1
60 SEC
CEILING
DOOR
HEIGHT (M)
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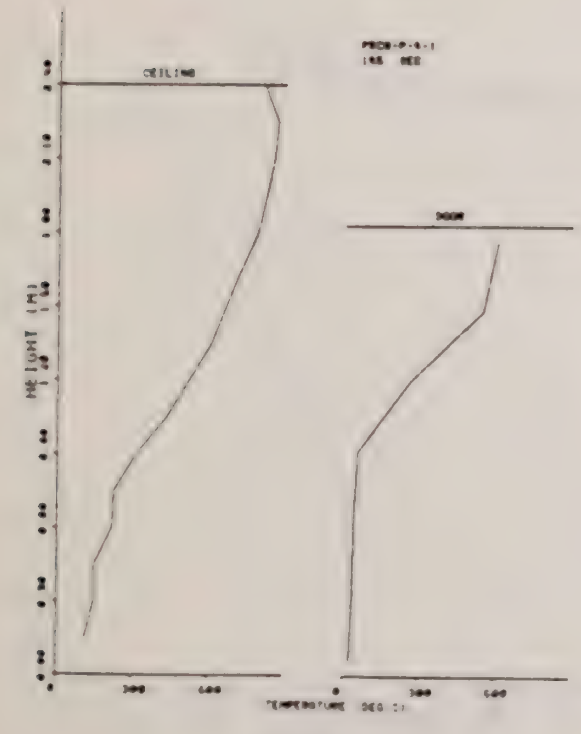
300
600
0
300
600
TEMPERATURE (DEG C)


PRCB-P-4-1
165 SEC
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DOOR
HEIGHT (M)
0
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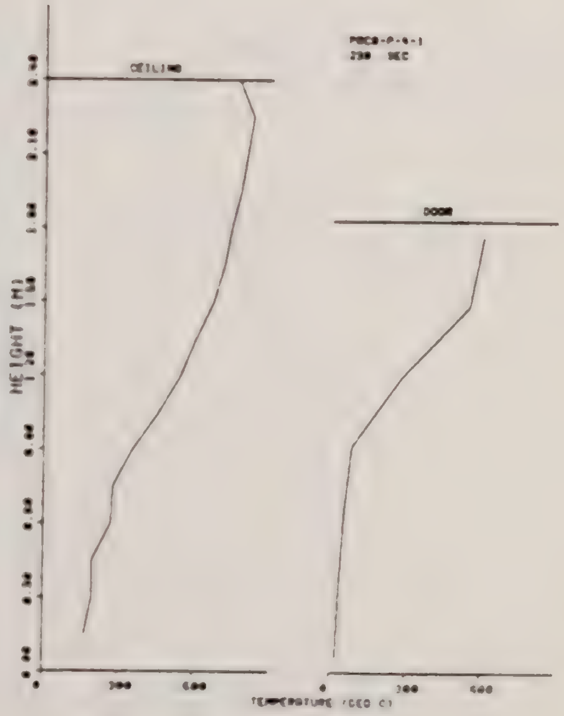
600
0
300
600
TEMPERATURE (DEG C)


PRCB-P-4-1
230 SEC
CEILING
DOOR
HEIGHT (M)
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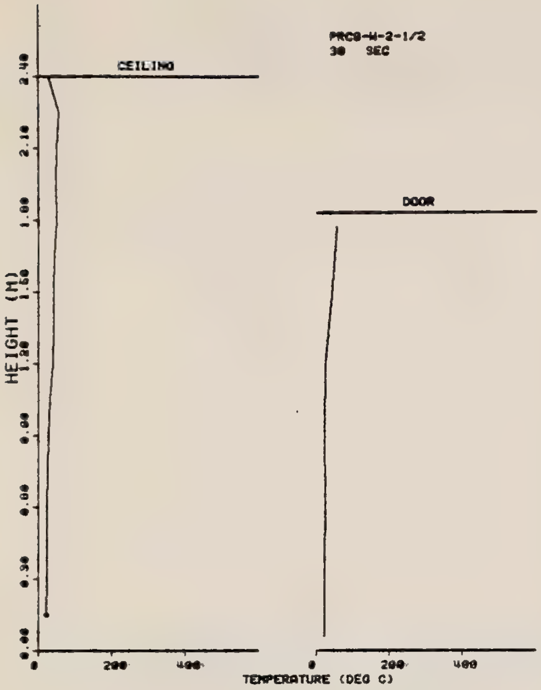
300
600
0
300
600
TEMPERATURE (DEG C)


PRCS-W-2-1/2
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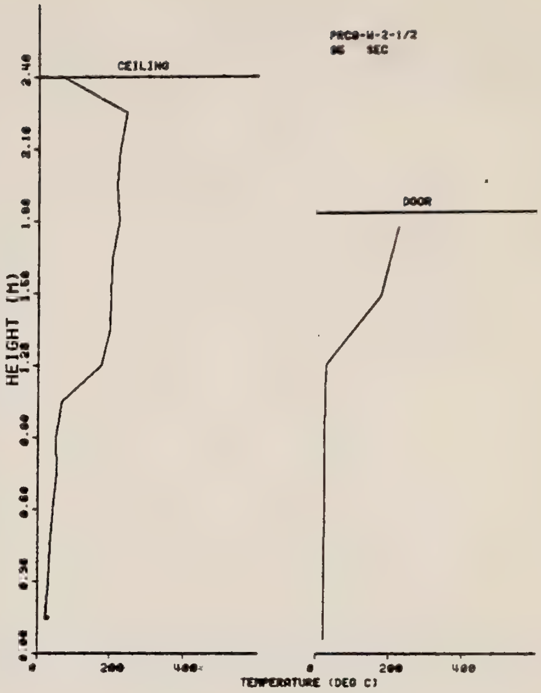
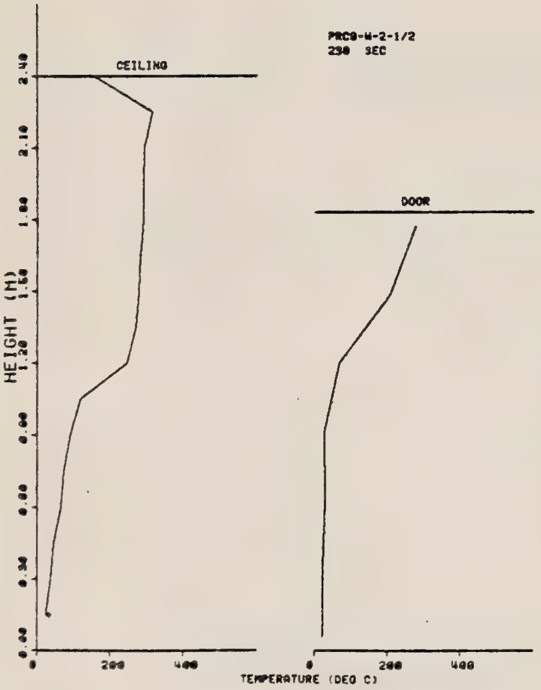
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
200
400
0
200
400
TEMPERATURE (DEG C)


PRCS-W-2-1/2
95 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
200
400
0
200
400
TEMPERATURE (DEG C)


PRCS-W-2-1/2
230 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
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0.90
1.20
1.50
1.80
2.10
2.40
0
200
400
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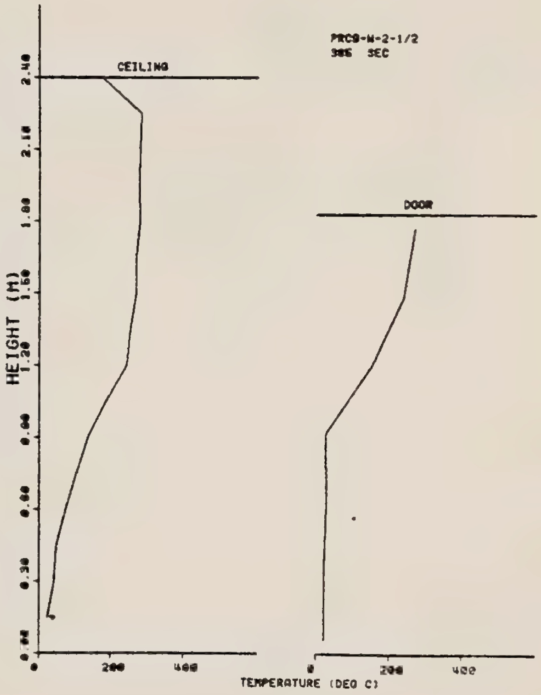
200
400
TEMPERATURE (DEG C)


PRCS-W-2-1/2
305 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
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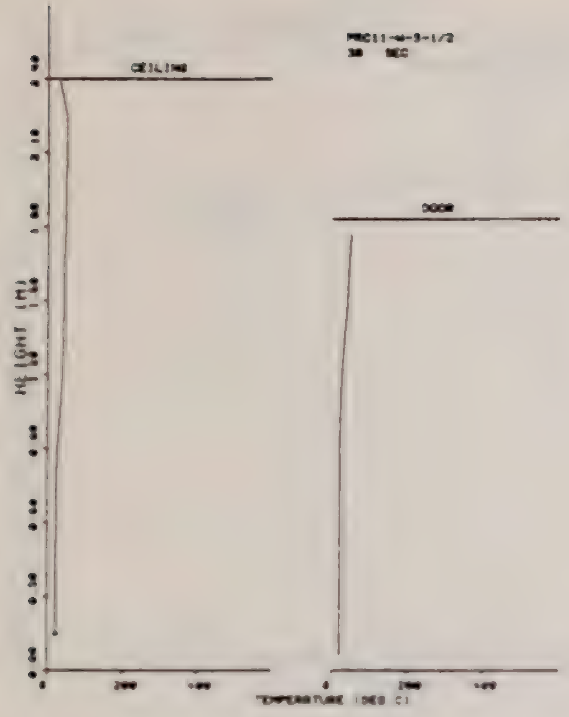
1.50
1.80
2.10
2.40
0
200
400
0
200
400
TEMPERATURE (DEG C)


PRC11-W-3-1/2
30 SEC
CEILING
DOOR
HEIGHT (M)
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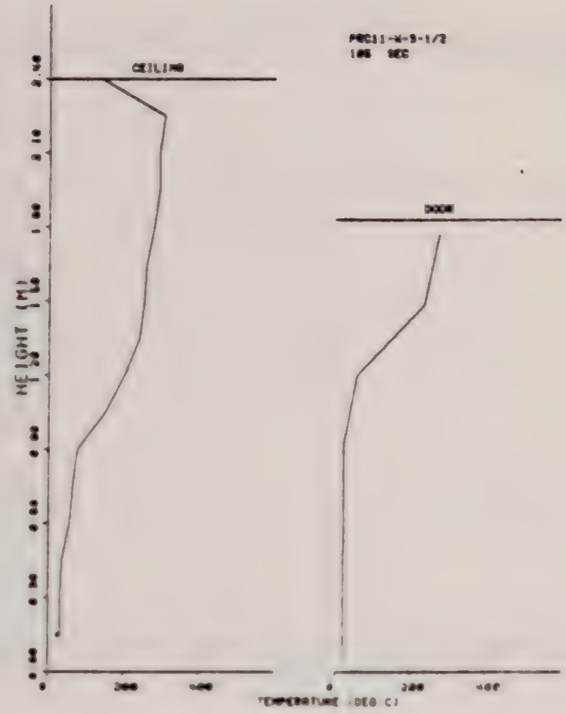
200
400
0
200
400
TEMPERATURE (DEG C)


PRC11-W-3-1/2
180 SEC
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DOOR
HEIGHT (M)
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200
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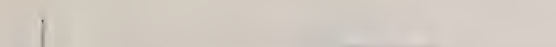
0
200
400
TEMPERATURE (DEG C)


PRC11-W-3-1/2
240 SEC
CEILING
DOOR
HEIGHT (M)
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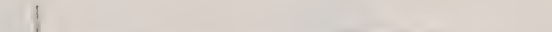
200
400
0
200
400
TEMPERATURE (DEG C)


PRC11-W-3-1/2
270 SEC
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DOOR
HEIGHT (M)
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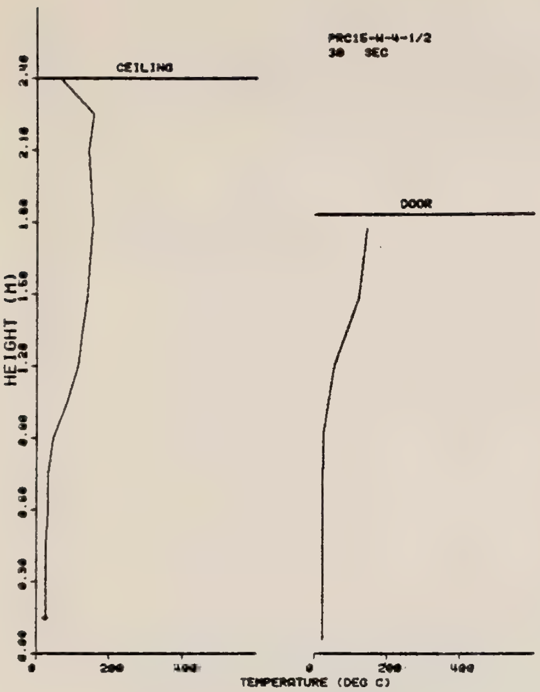
200
400
0
200
400
TEMPERATURE (DEG C)


PRC15-W-4-1/2
30 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
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0.90
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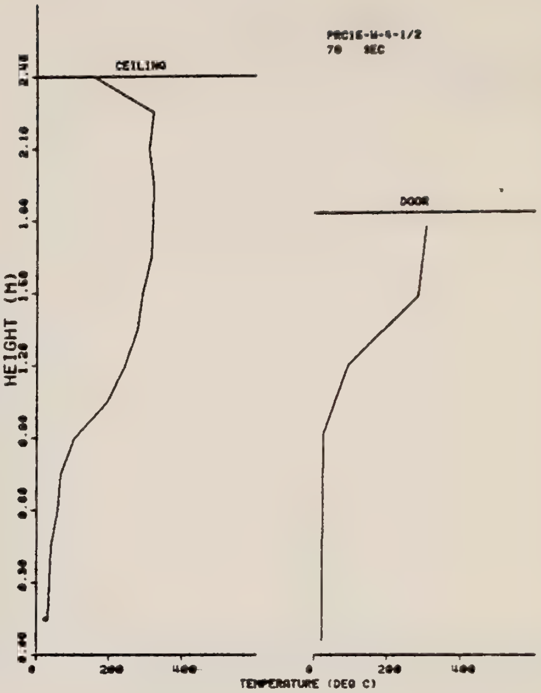
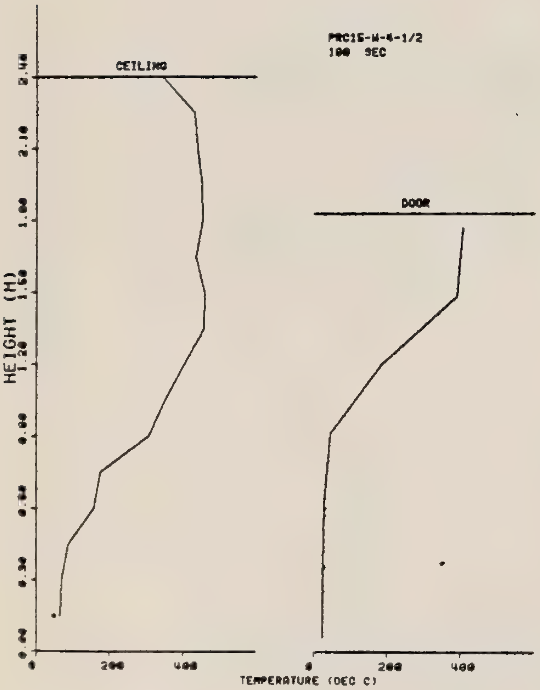
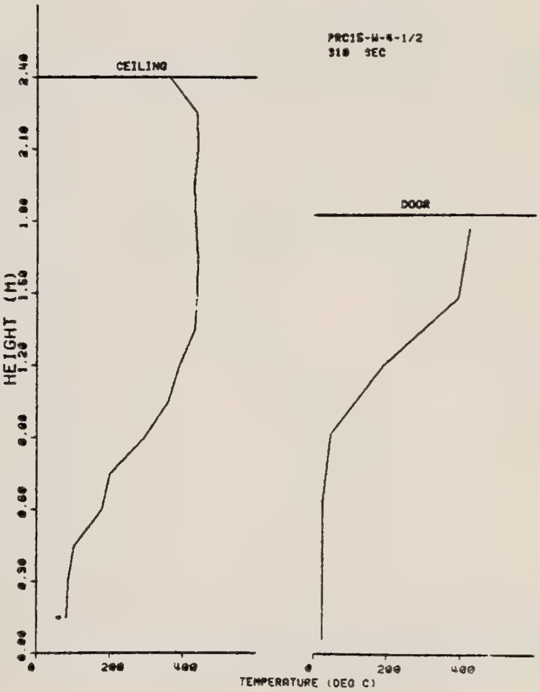
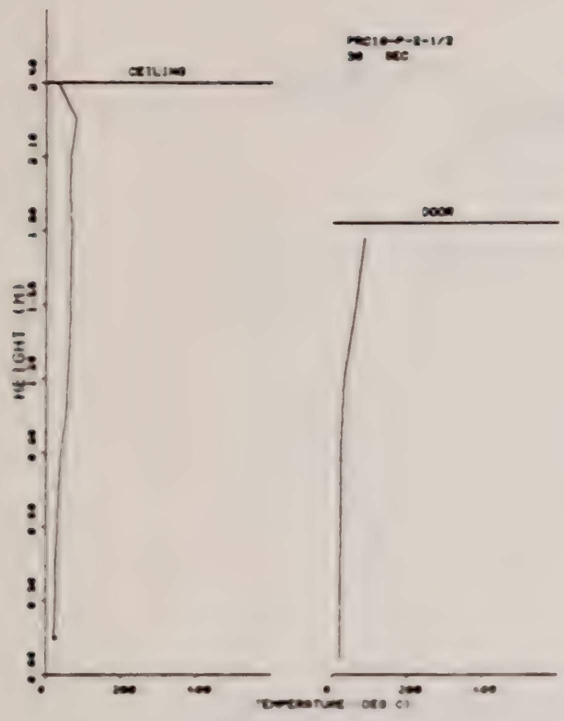
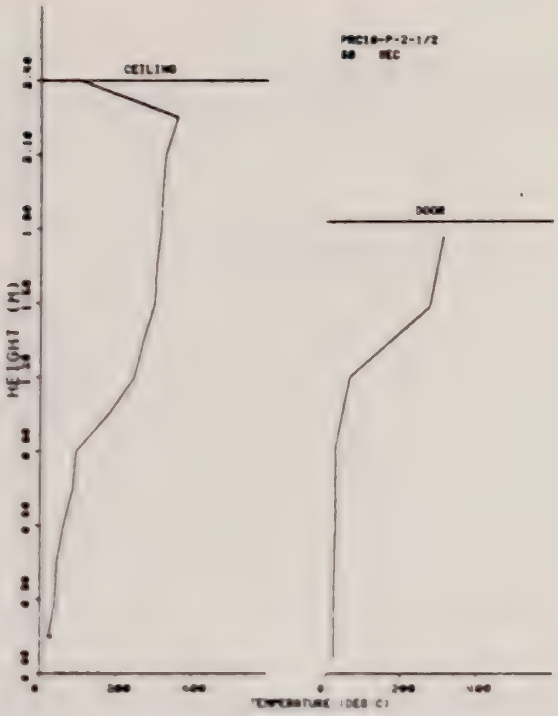
1.50
1.80
2.10
2.40
0
200
400
0
200
400
TEMPERATURE (DEG C)

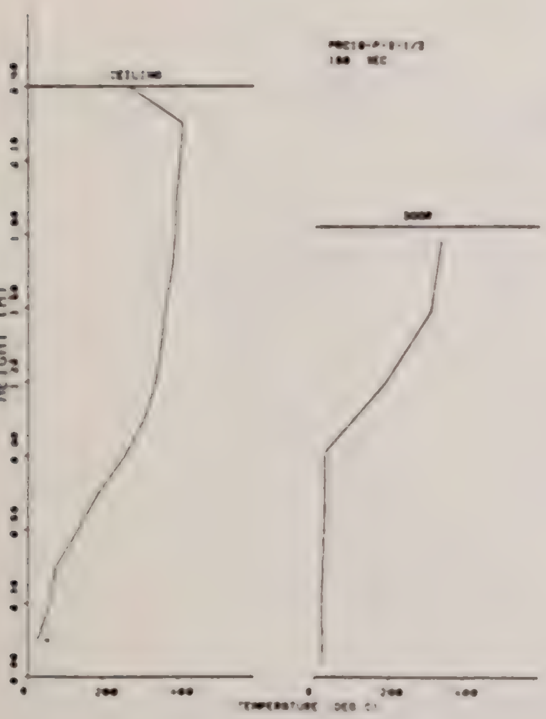

PRC15-W-4-1/2
70 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
200
400
0
200
400
TEMPERATURE (DEG C)

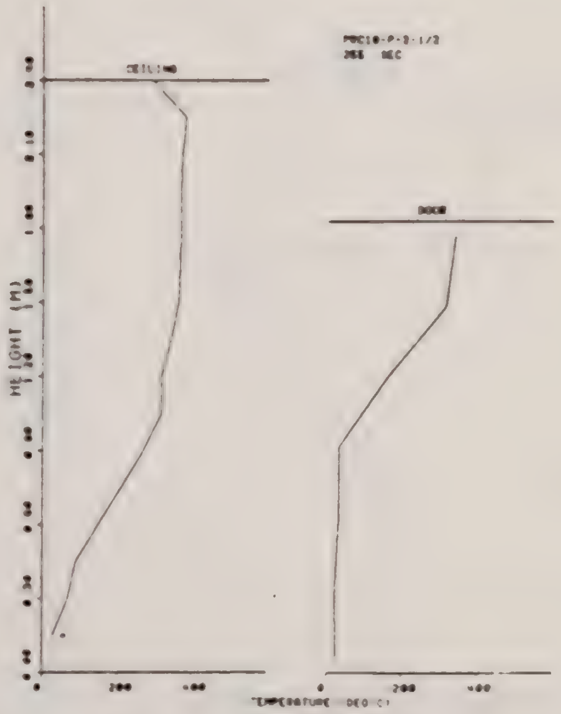

PRC15-W-4-1/2
100 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
200
400
0
200
400
TEMPERATURE (DEG C)

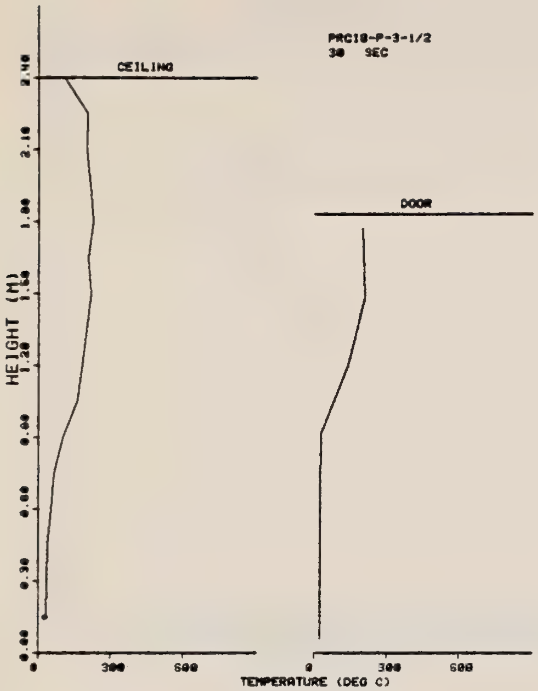

PRC15-W-4-1/2
310 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
200
400
0
200
400
TEMPERATURE (DEG C)

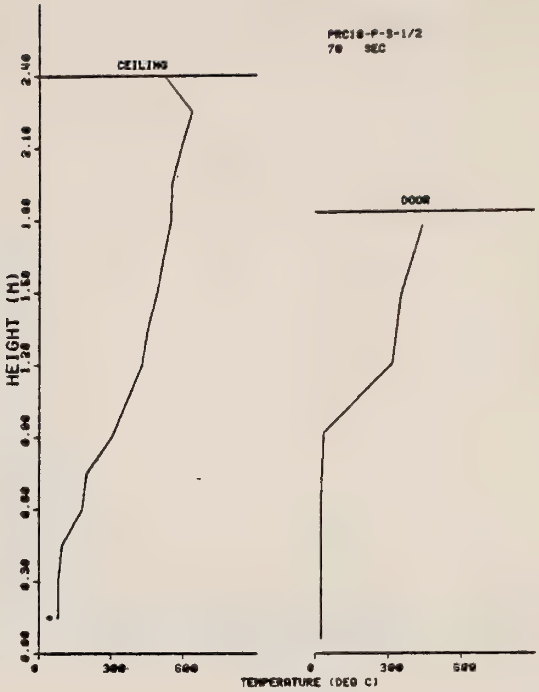

PRC10-P-2-1/2
30 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
0
200
400
TEMPERATURE (DEG C)

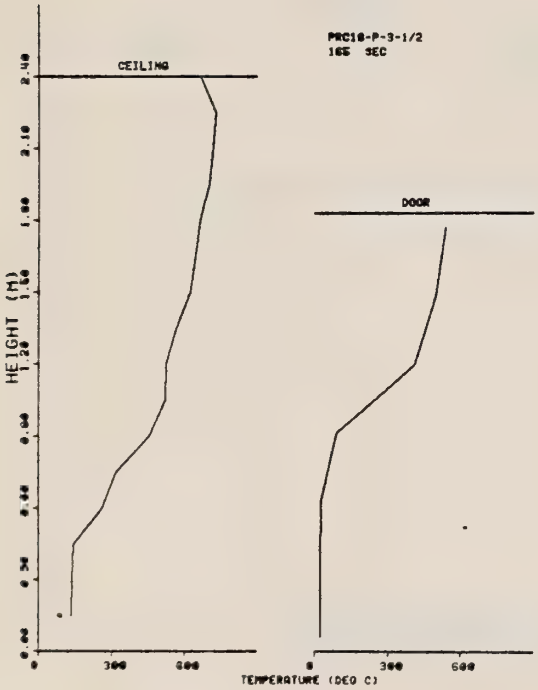

PRC10-P-2-1/2
60 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
0
200
400
TEMPERATURE (DEG C)

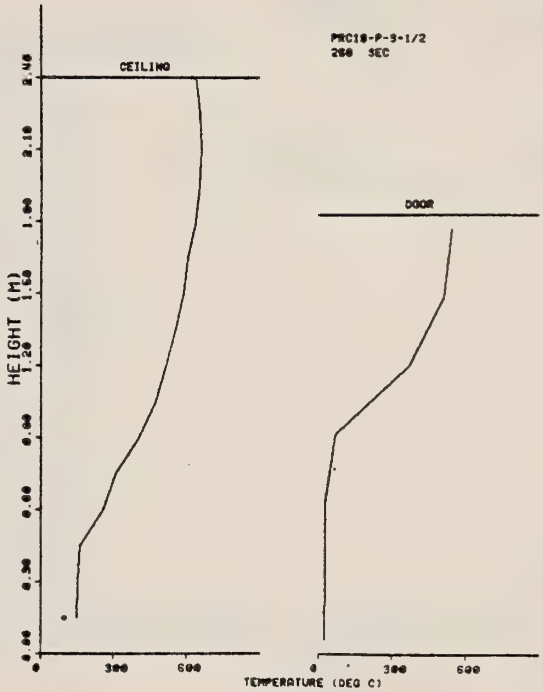

PRC10-P-2-1/2
180 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
0
200
400
TEMPERATURE (DEG C)

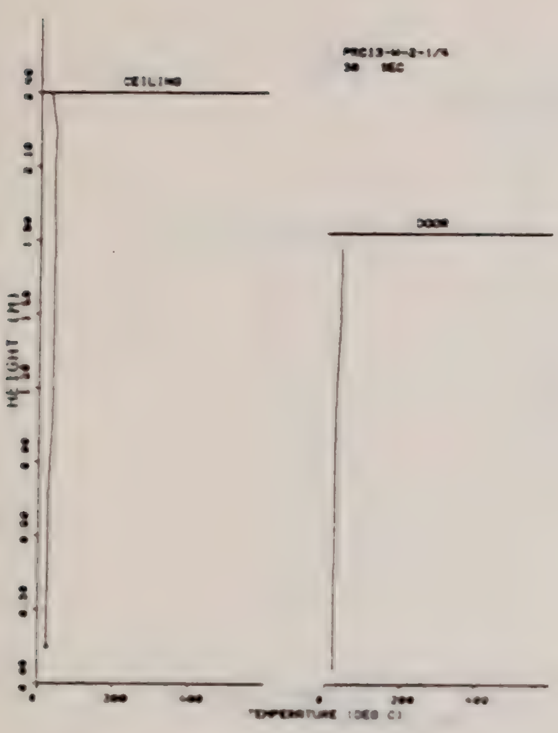

PRC10-P-2-1/2
255 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
0
200
400
TEMPERATURE (DEG C)

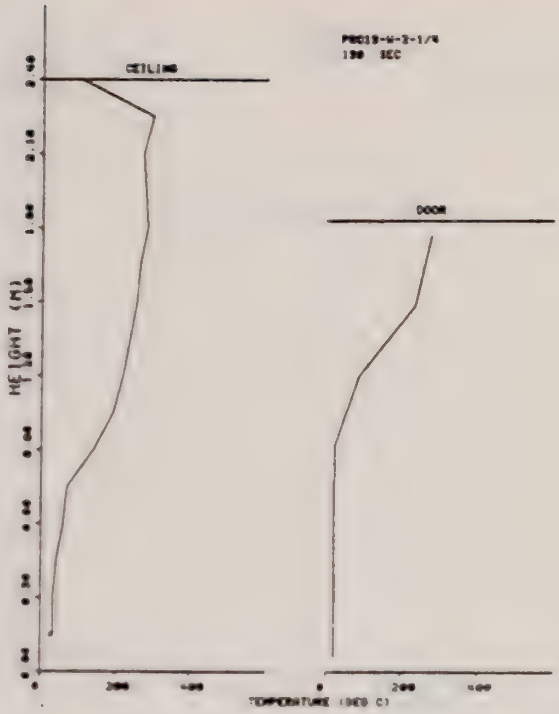

PRC10-P-3-1/2
30 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
300
600
0
300
600
TEMPERATURE (DEG C)

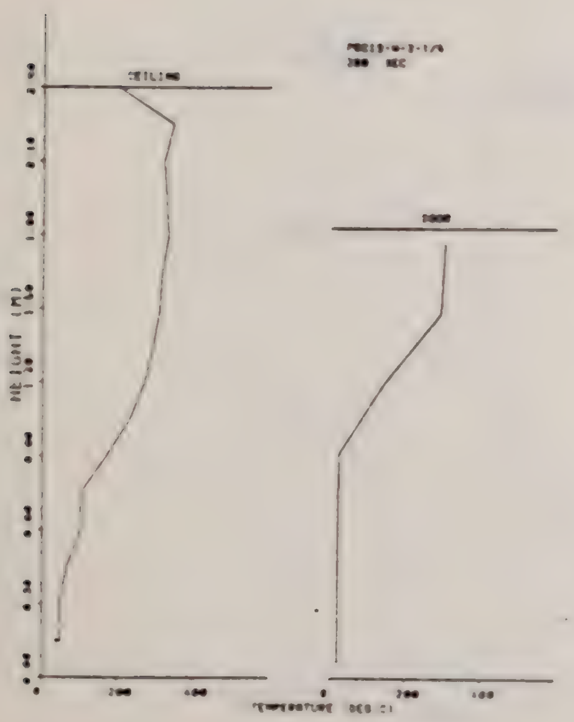

PRC10-P-3-1/2
70 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
300
600
0
300
600
TEMPERATURE (DEG C)

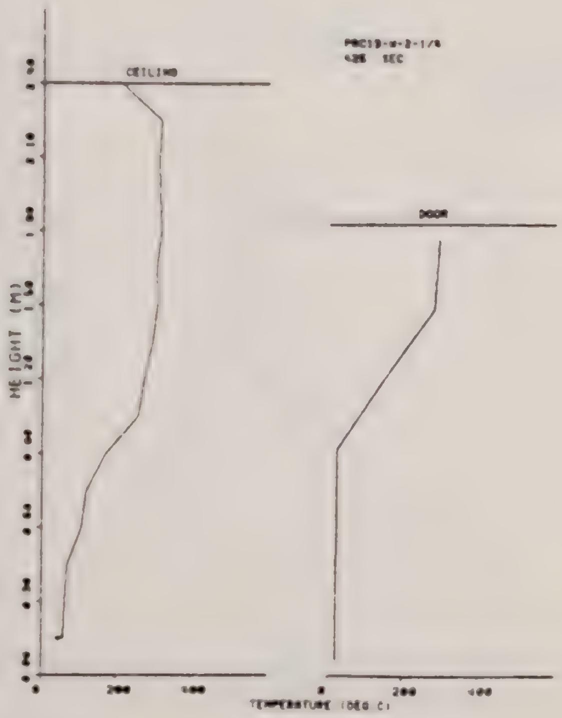

PRC10-P-3-1/2
165 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
300
600
0
300
600
TEMPERATURE (DEG C)

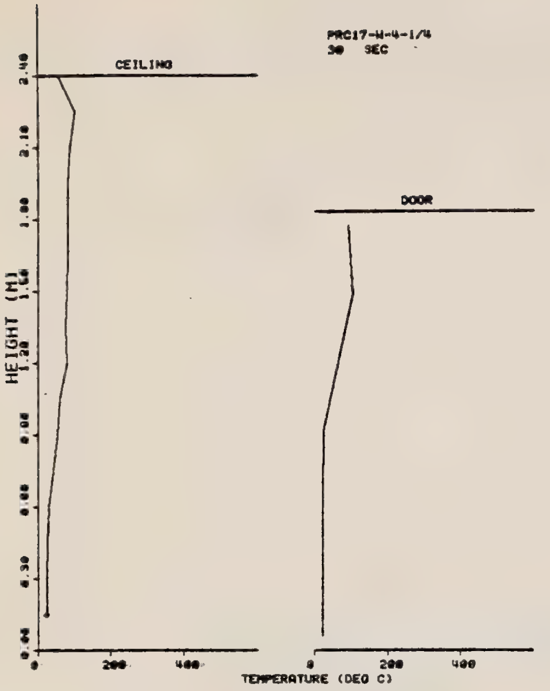

PRC10-P-3-1/2
260 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
300
600
0
300
600
TEMPERATURE (DEG C)

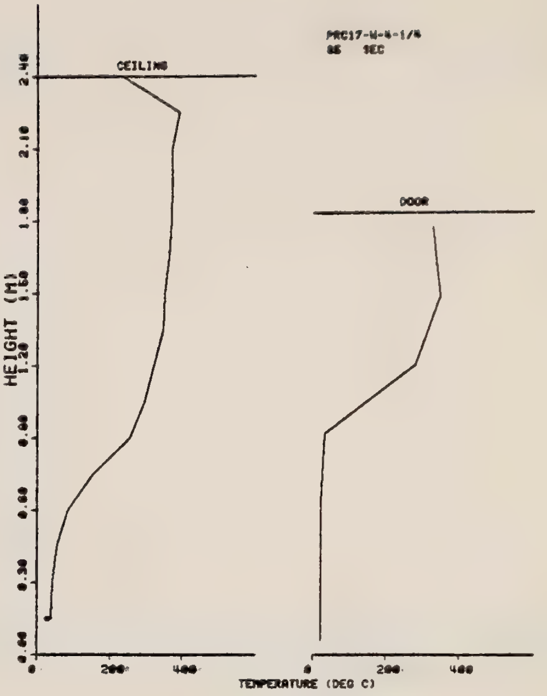

PRC13-W-2-1/4
30 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
0
200
400
TEMPERATURE (DEG C)

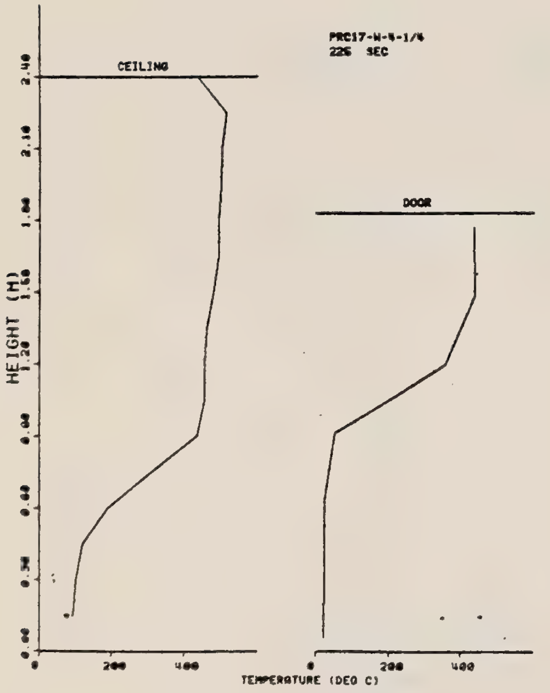

PRC13-W-2-1/4
130 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
0
200
400
TEMPERATURE (DEG C)

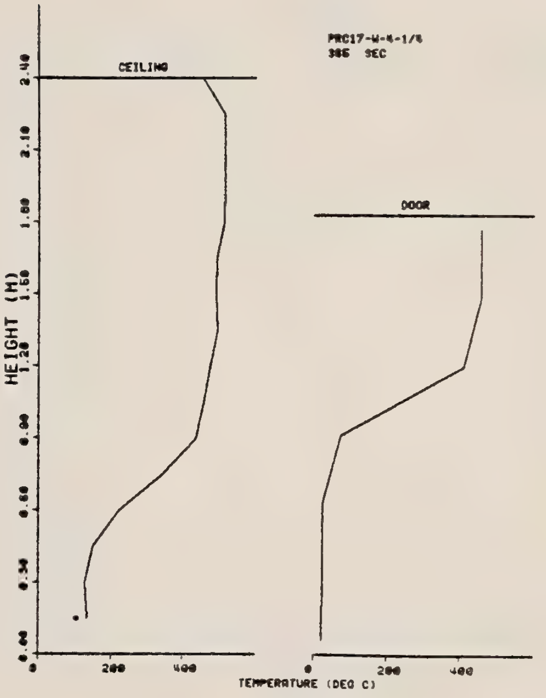

PRC13-W-2-1/4
280 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
0
200
400
TEMPERATURE (DEG C)

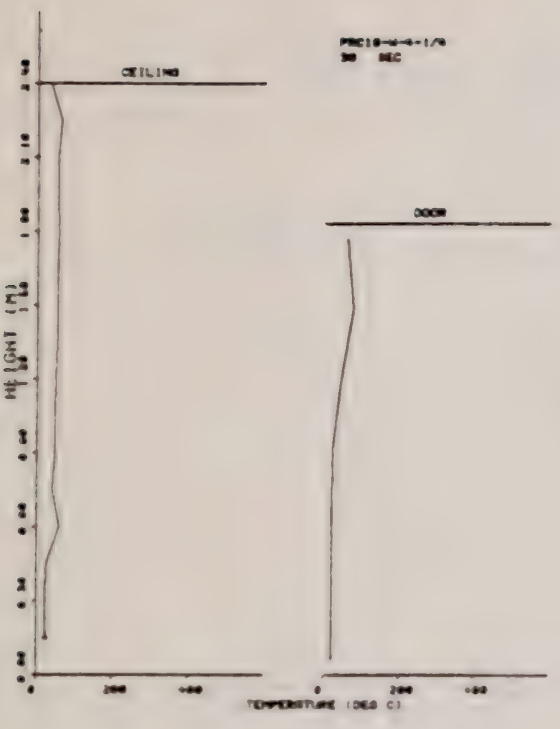

PRC13-W-2-1/4
425 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
0
200
400
TEMPERATURE (DEG C)

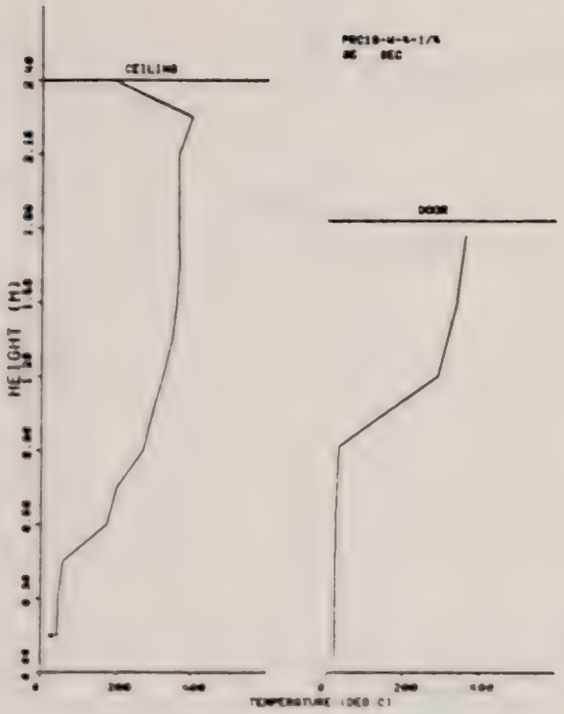

PRC17-W-4-1/4
30 SEC
CEILING
DOOR
HEIGHT (M)
2.40
2.10
1.80
1.50
1.20
0.90
0.60
0.30
0.00
0
200
400
0
200
400
TEMPERATURE (DEG C)

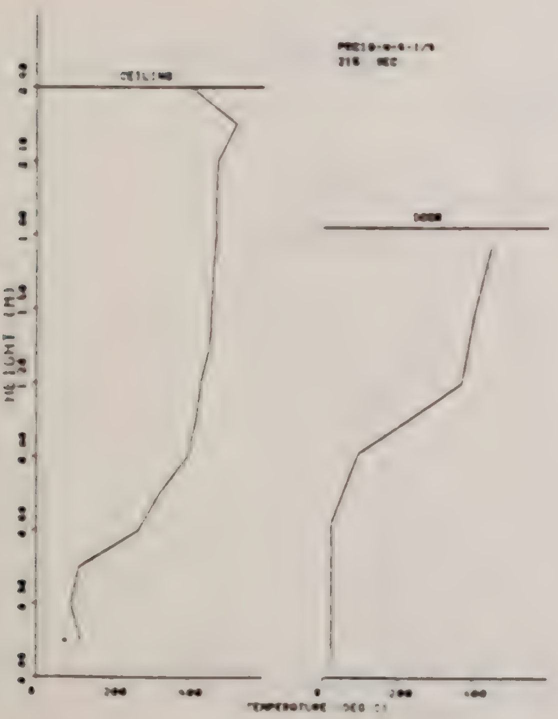

PRC17-W-4-1/4
85 SEC
CEILING
DOOR
HEIGHT (M)
2.40
2.10
1.80
1.50
1.20
0.90
0.60
0.30
0.00
0
200
400
0
200
400
TEMPERATURE (DEG C)

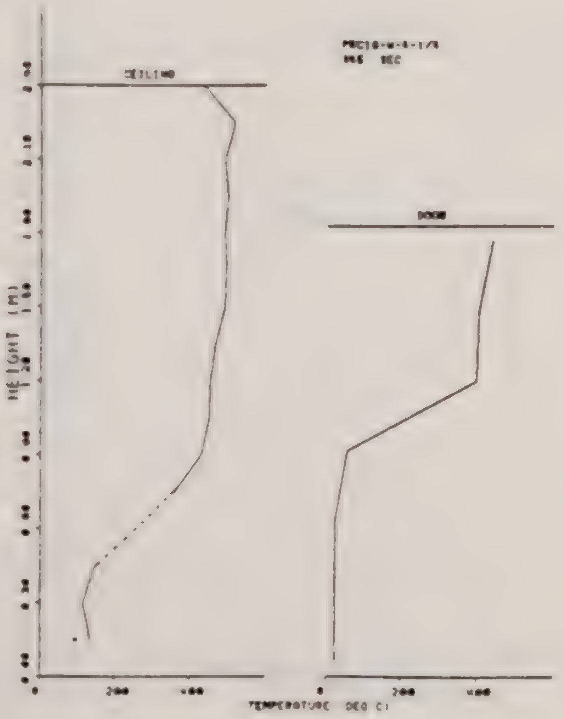

PRC17-W-4-1/4
225 SEC
CEILING
DOOR
HEIGHT (M)
2.40
2.10
1.80
1.50
1.20
0.90
0.60
0.30
0.00
0
200
400
0
200
400
TEMPERATURE (DEG C)

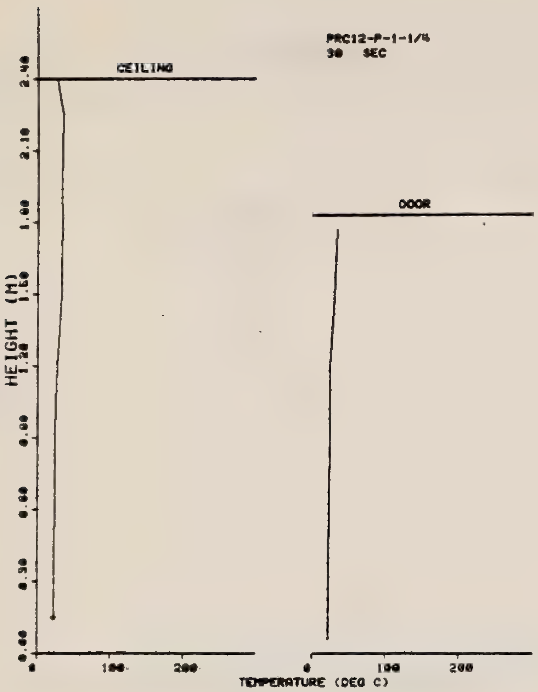

PRC17-W-4-1/4
385 SEC
CEILING
DOOR
HEIGHT (M)
2.40
2.10
1.80
1.50
1.20
0.90
0.60
0.30
0.00
0
200
400
0
200
400
TEMPERATURE (DEG C)

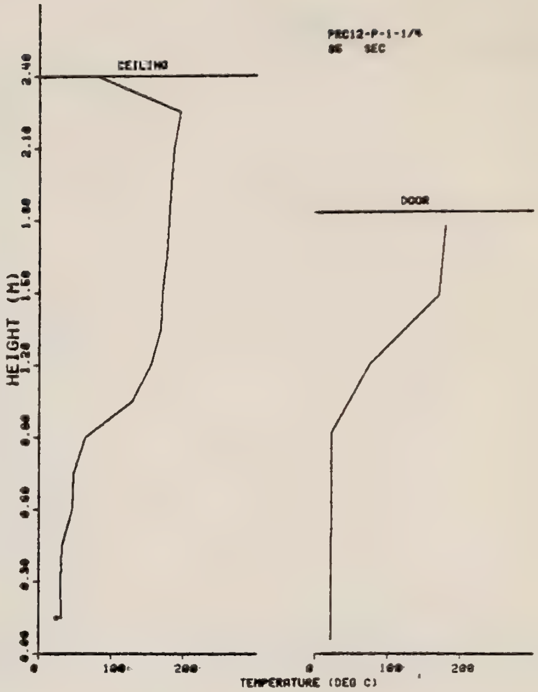

PRC10-W-4-1/4
90 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
200
400
0
200
400
TEMPERATURE (DEG C)

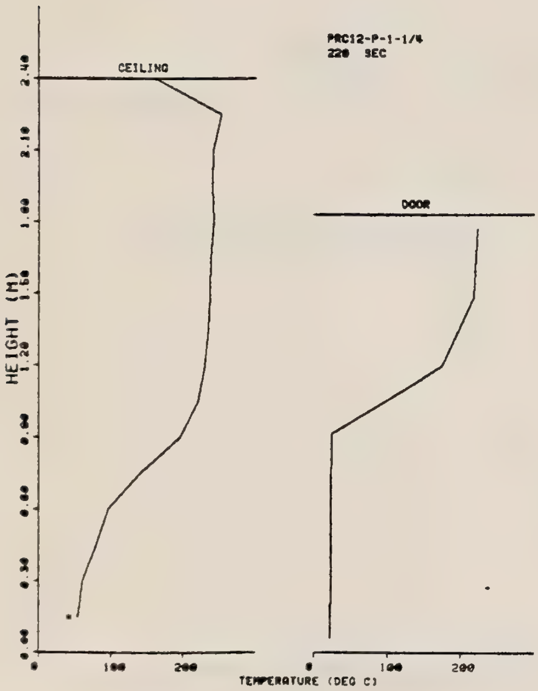

PRC10-W-4-1/4
SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
200
400
0
200
400
TEMPERATURE (DEG C)

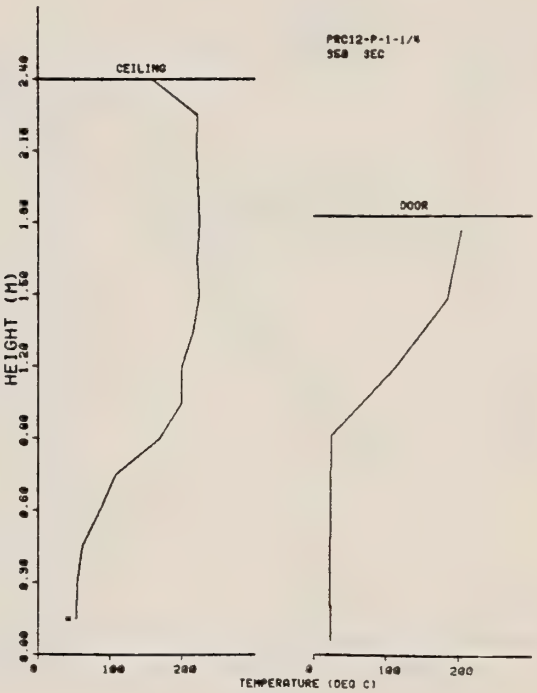

PRC10-W-4-1/4
215 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
200
400
0
200
400
TEMPERATURE (DEG C)

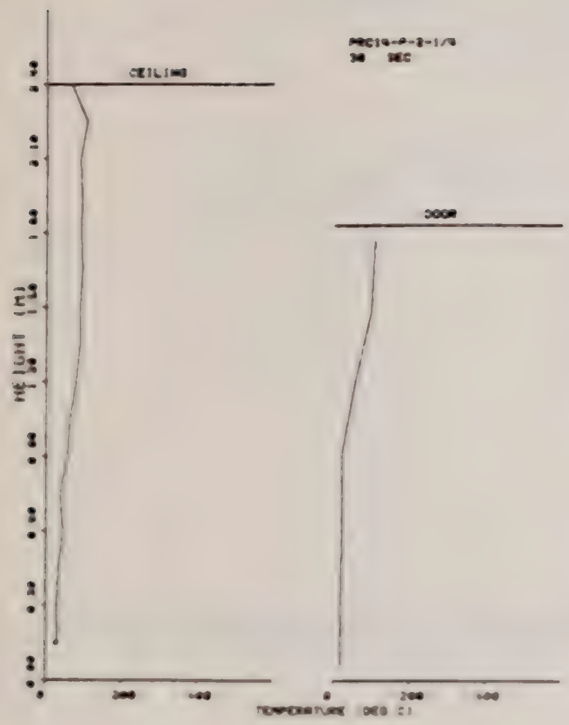

PRC10-W-4-1/4
445 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
200
400
0
200
400
TEMPERATURE (DEG C)

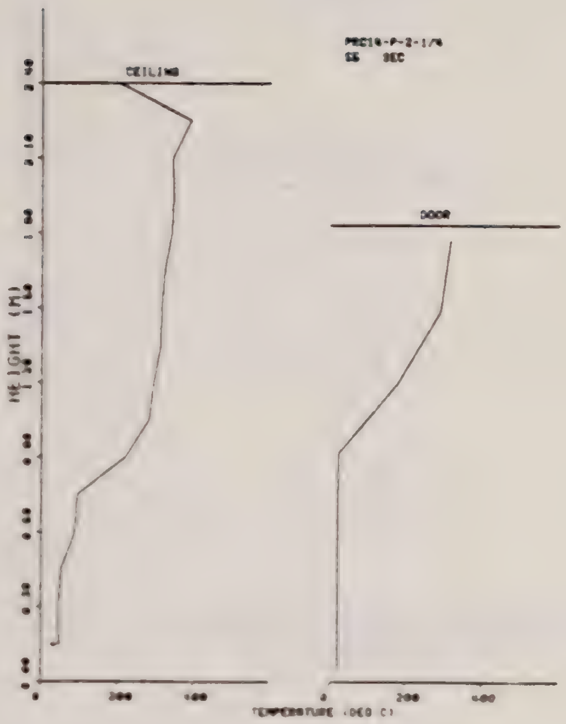

PRC12-P-1-1/4
30 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
100
200
0
100
200
TEMPERATURE (DEG C)

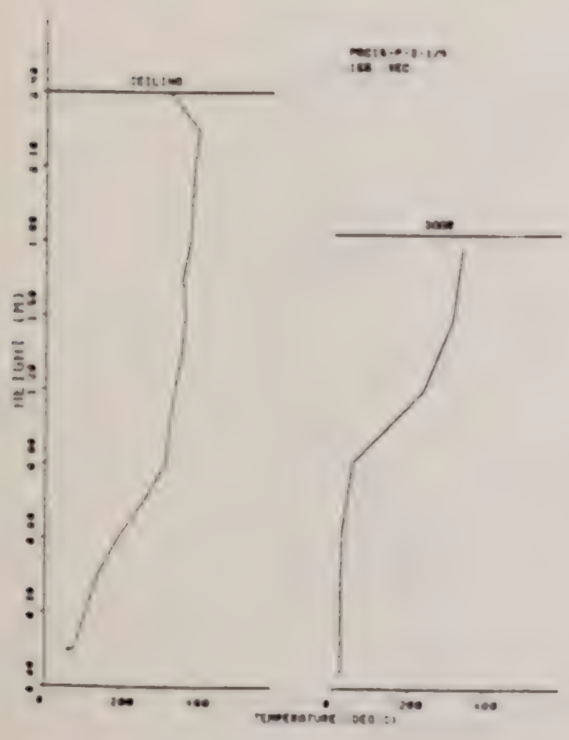

PRC12-P-1-1/4
85 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
100
200
0
100
200
TEMPERATURE (DEG C)

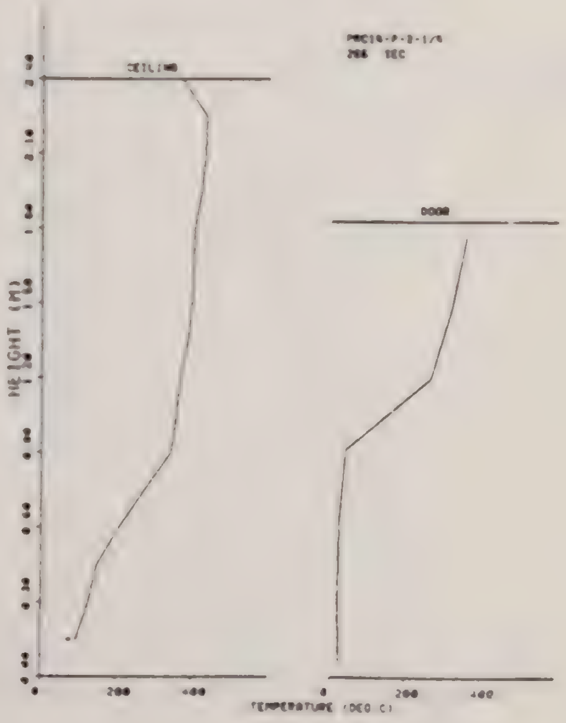

PRC12-P-1-1/4
220 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
100
200
0
100
200
TEMPERATURE (DEG C)

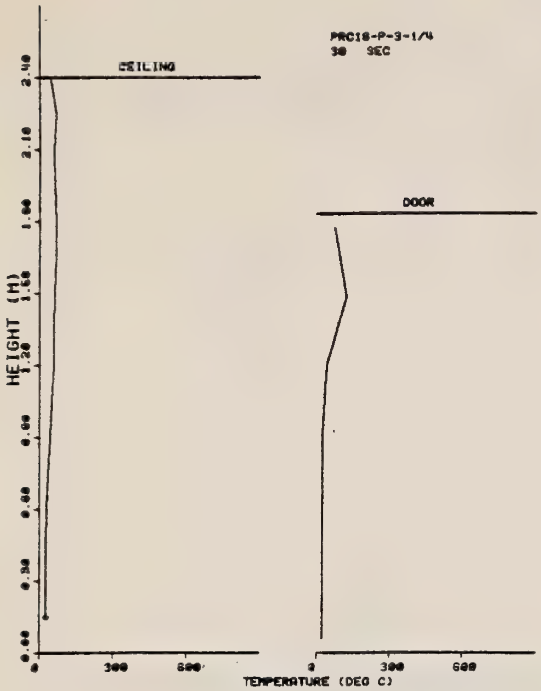

PRC12-P-1-1/4
360 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
100
200
0
100
200
TEMPERATURE (DEG C)

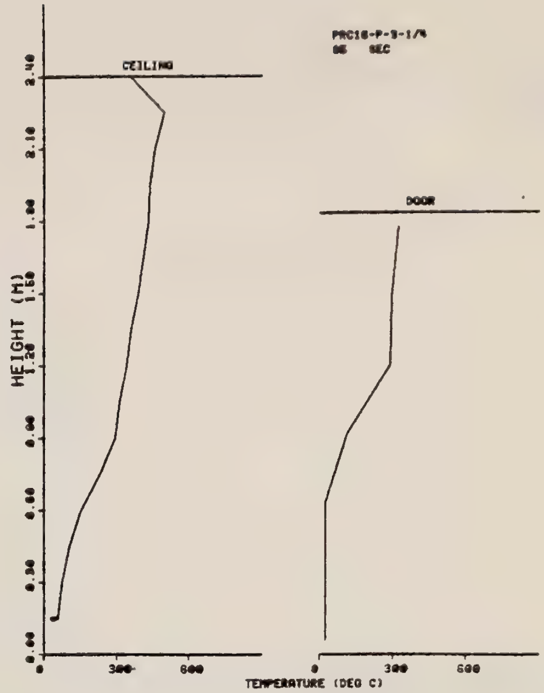

PRC14-P-2-1/4
30 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
TEMPERATURE (DEG C)

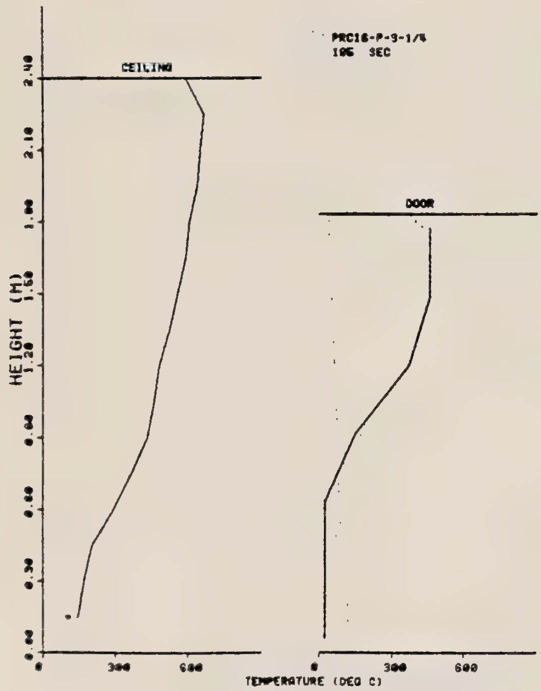

PRC14-P-2-1/4
55 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
TEMPERATURE (DEG C)

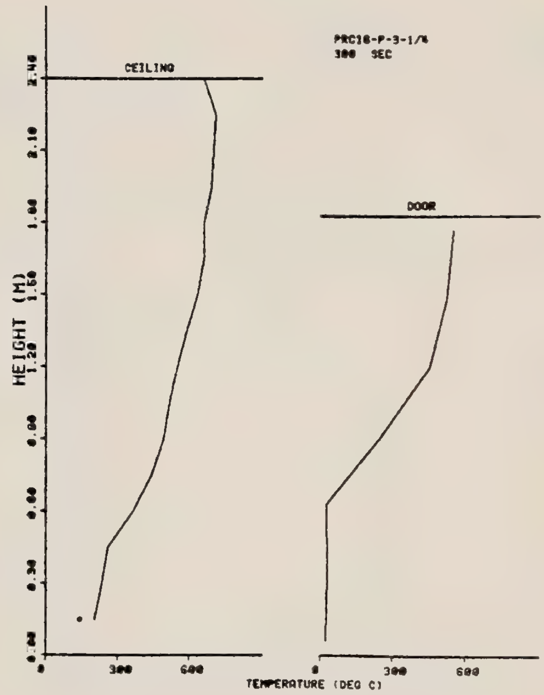

PRC14-P-2-1/4
105 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
TEMPERATURE (DEG C)

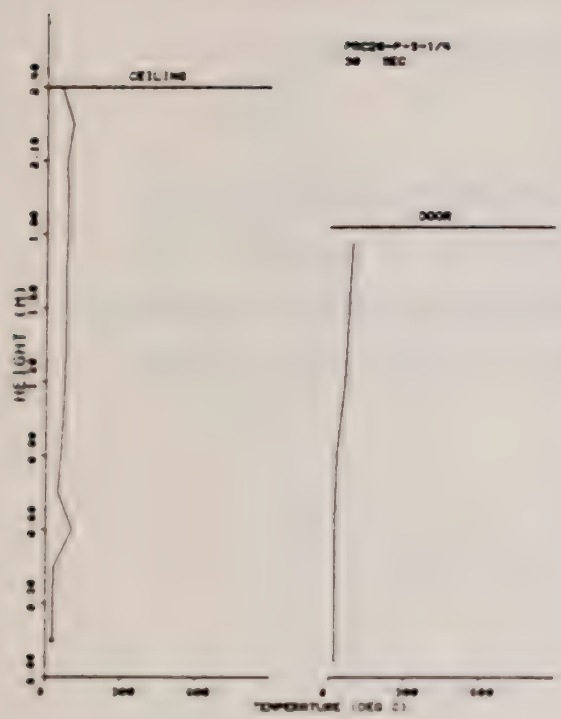

PRC14-P-2-1/4
205 SEC
CEILING
DOOR
HEIGHT (M)
0
200
400
TEMPERATURE (DEG C)

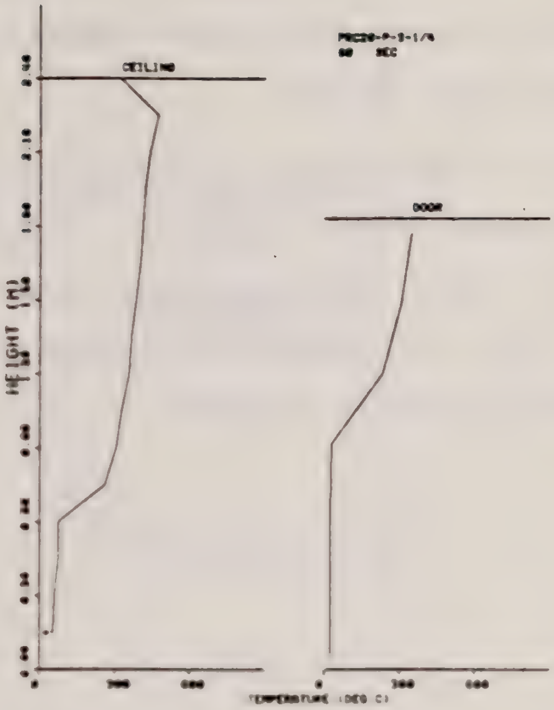

PRC16-P-3-1/4
30 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
300
600
0
300
600
TEMPERATURE (DEG C)

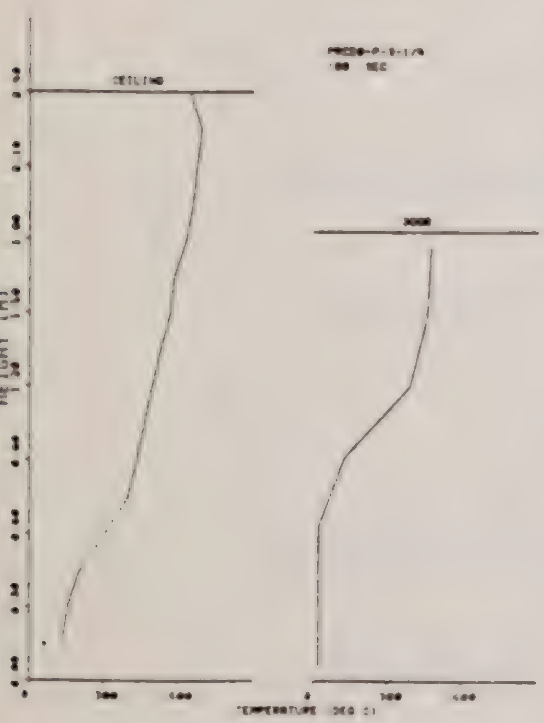

PRC16-P-3-1/4
65 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
300
600
0
300
600
TEMPERATURE (DEG C)

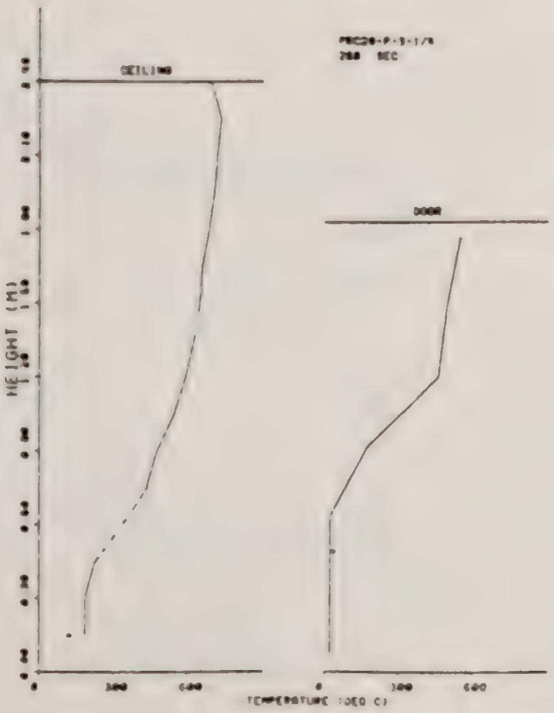

PRC16-P-3-1/4
105 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
300
600
0
300
600
TEMPERATURE (DEG C)


PRC16-P-3-1/4
300 SEC
CEILING
DOOR
HEIGHT (M)
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
0
300
600
0
300
600
TEMPERATURE (DEG C)


PRC20-P-3-1/4
30 SEC
CEILING
DOOR
HEIGHT (M)
0
300
600
0
300
600
TEMPERATURE (DEG C)


PRC20-P-3-1/4
60 SEC
CEILING
DOOR
HEIGHT (M)
0
300
600
0
300
600
TEMPERATURE (DEG C)

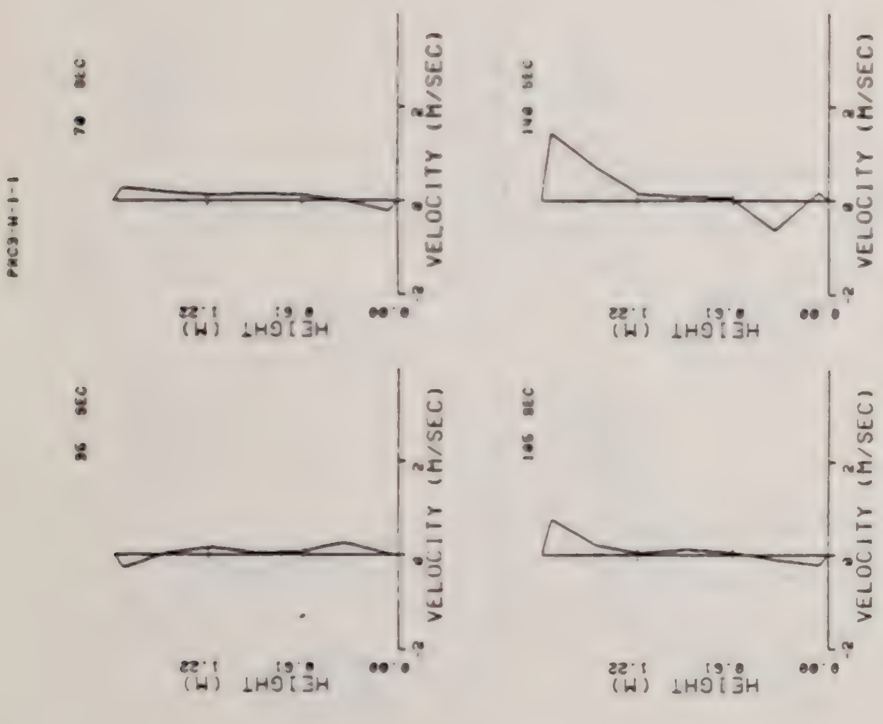

PRC20-P-3-1/4
100 SEC
CEILING
DOOR
HEIGHT (M)
0
300
600
0
300
600
TEMPERATURE (DEG C)

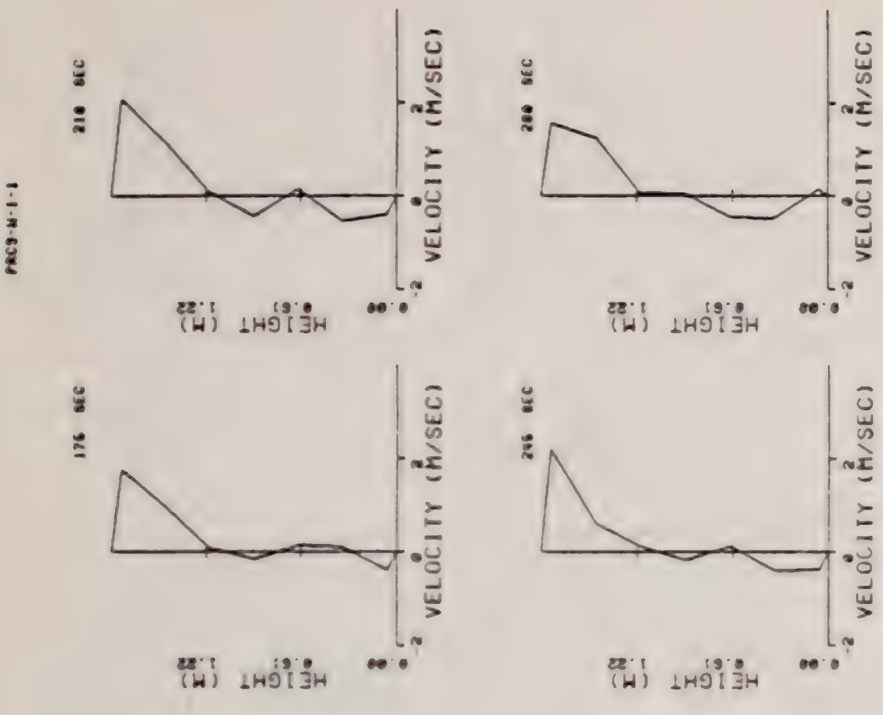

PRC20-P-3-1/4
200 SEC
CEILING
DOOR
HEIGHT (M)
0
300
600
0
300
600
TEMPERATURE (DEG C)

7. DOORWAY VELOCITY PROFILES (V)

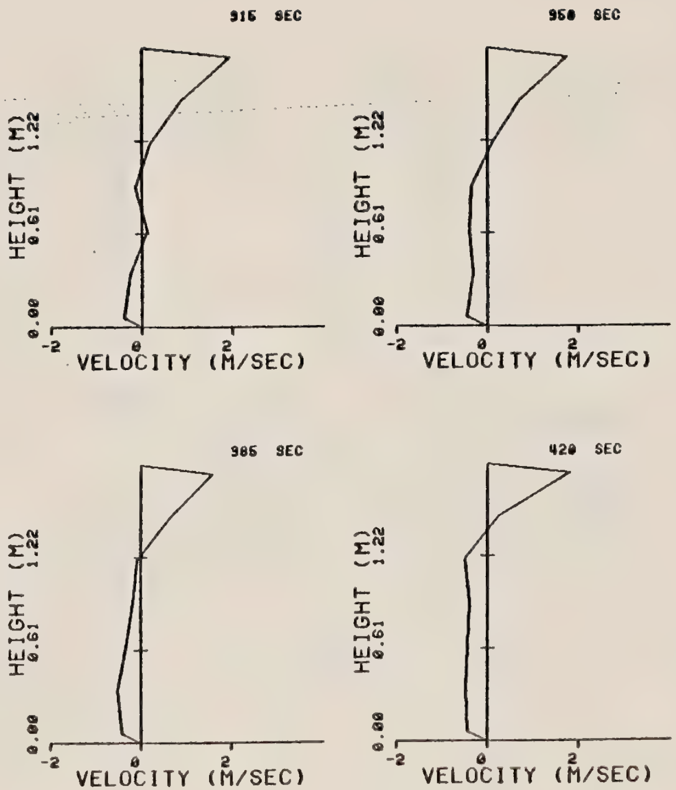
Doorway velocity profiles over a 560-second period are shown in figures 7-1 to 7-20. Each figure contains 16 profiles with each produced at 35-second intervals, the end of each complete velocity scan of the vertical probe a ray in the doorway.

After an initial transient period the profiles reach a nearly steady state and are relatively insensitive to fire changes up to burnout. In general for a fixed room temperature level, the profiles indicate increasing velocities and a decreasing zero velocity position (neutral plane height) as the doorway width is decreased.

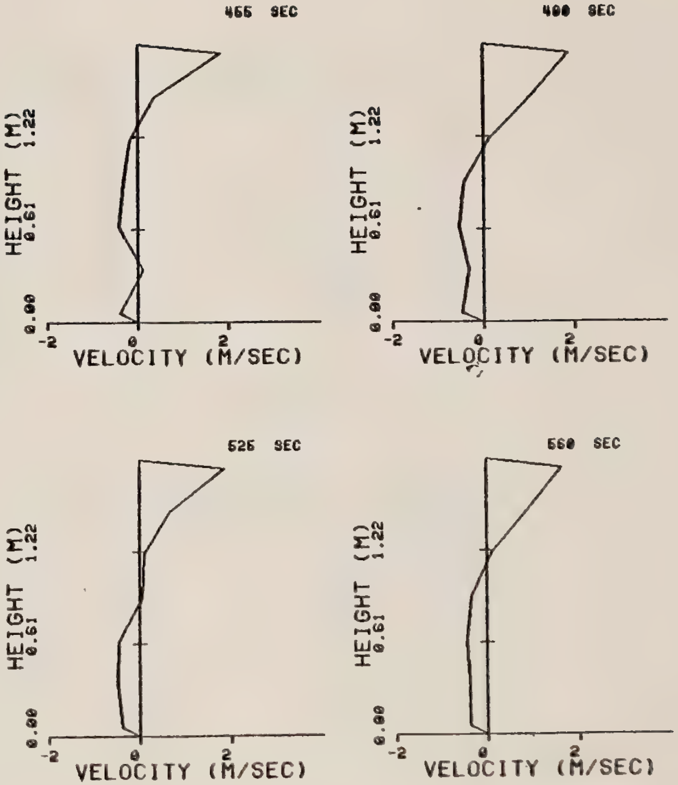

PRC3-W-1-1
35 SEC
70 SEC
105 SEC
140 SEC
HEIGHT (M)
0.00
0.61
1.22
VELOCITY (M/SEC)
-2
0
2

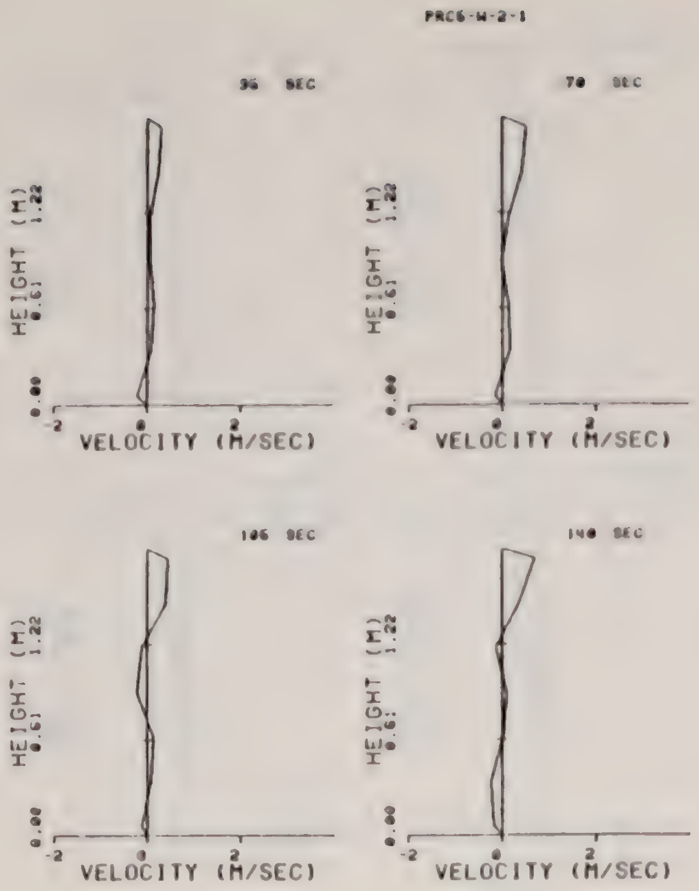

PRC3-W-1-1
175 SEC
210 SEC
245 SEC
280 SEC
HEIGHT (M)
0.00
0.61
1.22
VELOCITY (M/SEC)
-2
0
2

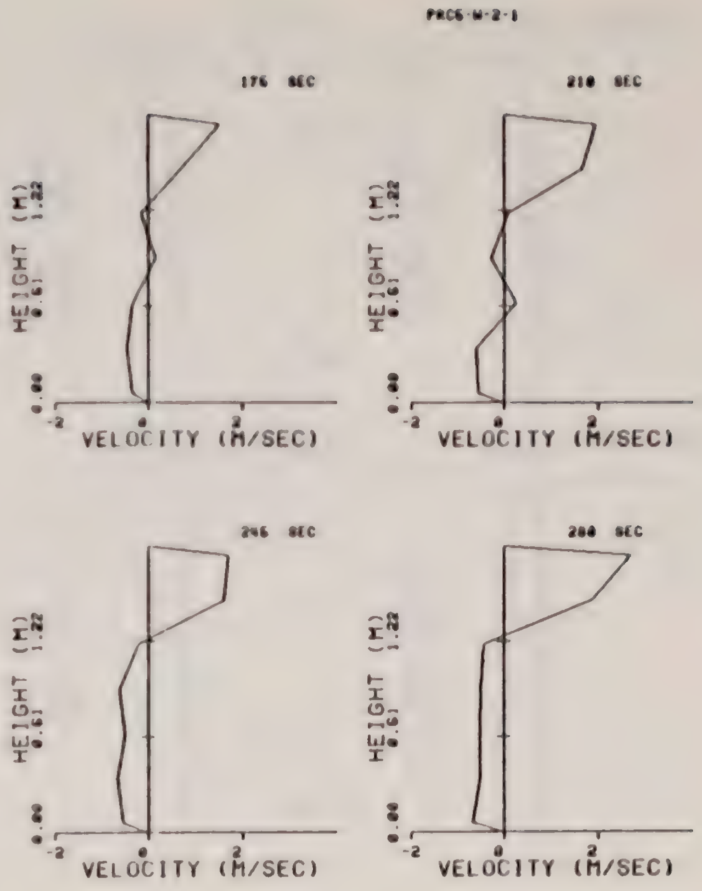
PRC3-W-1-1



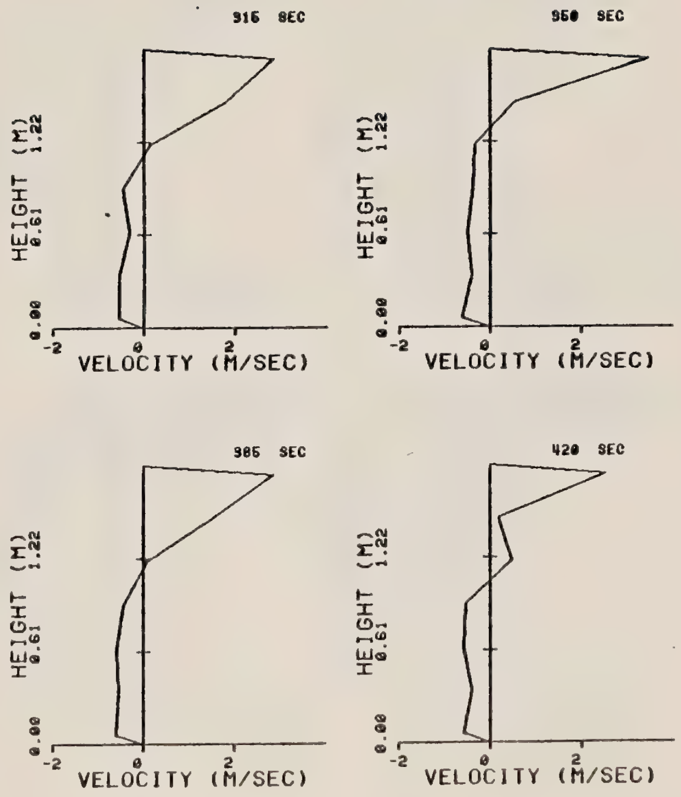
PRC3-W-1-1



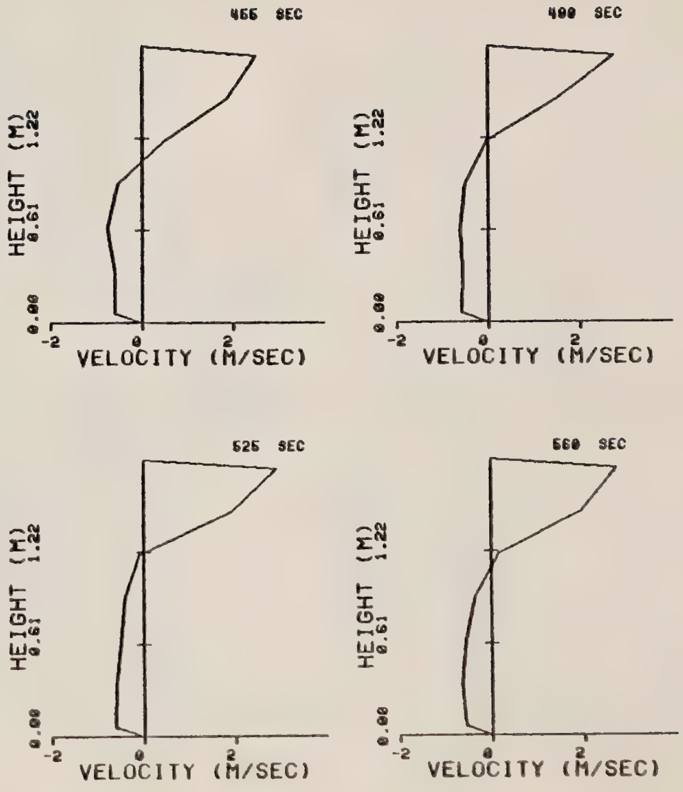

PRC6-W-2-1
35 SEC
70 SEC
105 SEC
140 SEC
HEIGHT (M)
0.00
0.61
1.22
VELOCITY (M/SEC)
-2
0
2


PRC6-W-2-1
175 SEC
210 SEC
245 SEC
280 SEC
HEIGHT (M)
0.00
0.61
1.22
VELOCITY (M/SEC)
-2
0
2

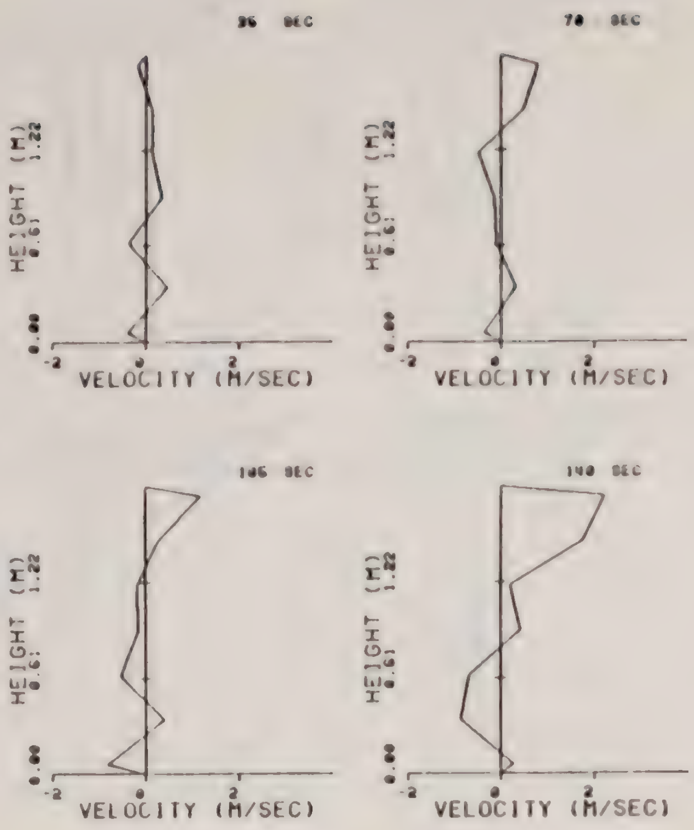
PRC5-W-2-1



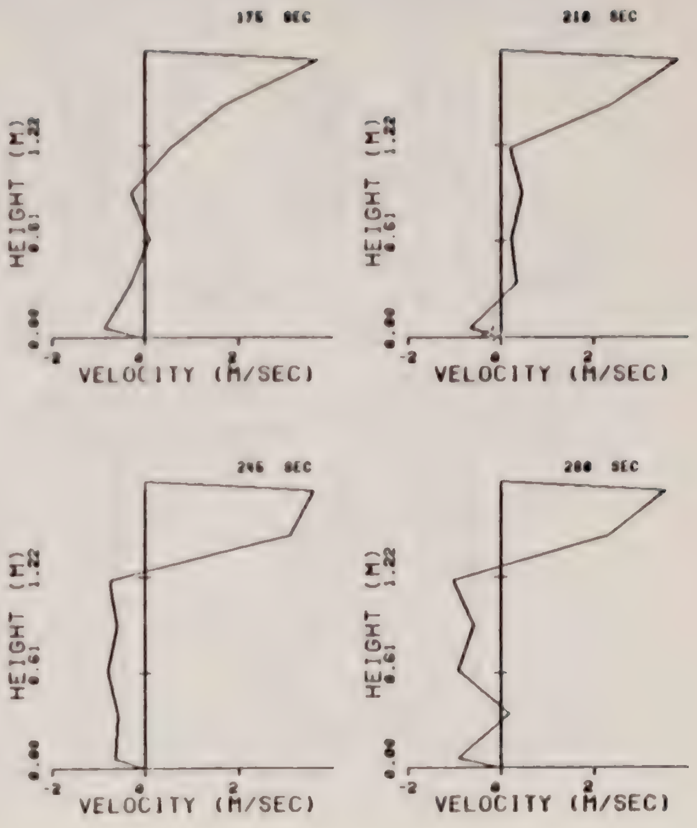
PRC5-W-2-1



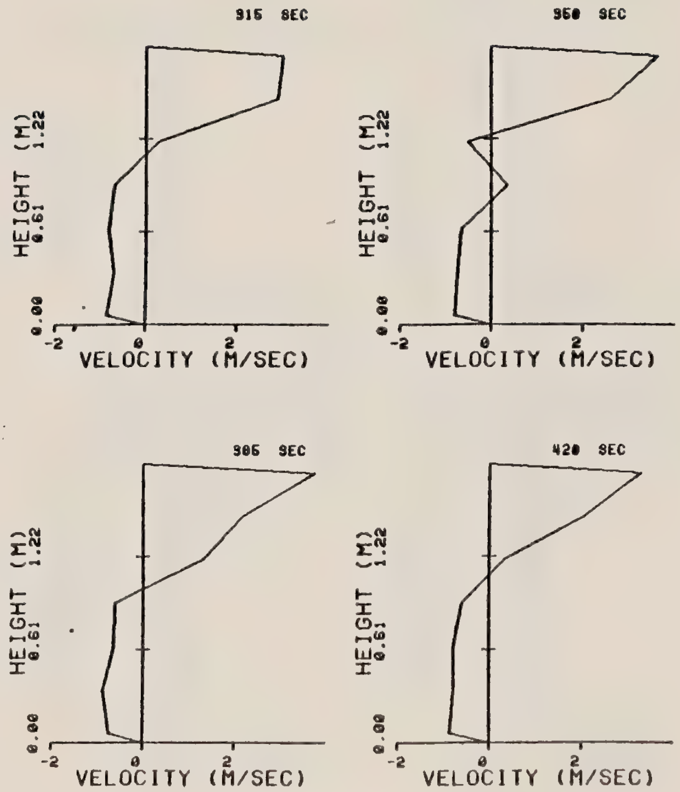
PRC2-M-3-1



PRC2-M-3-1



PRC2-W-9-1



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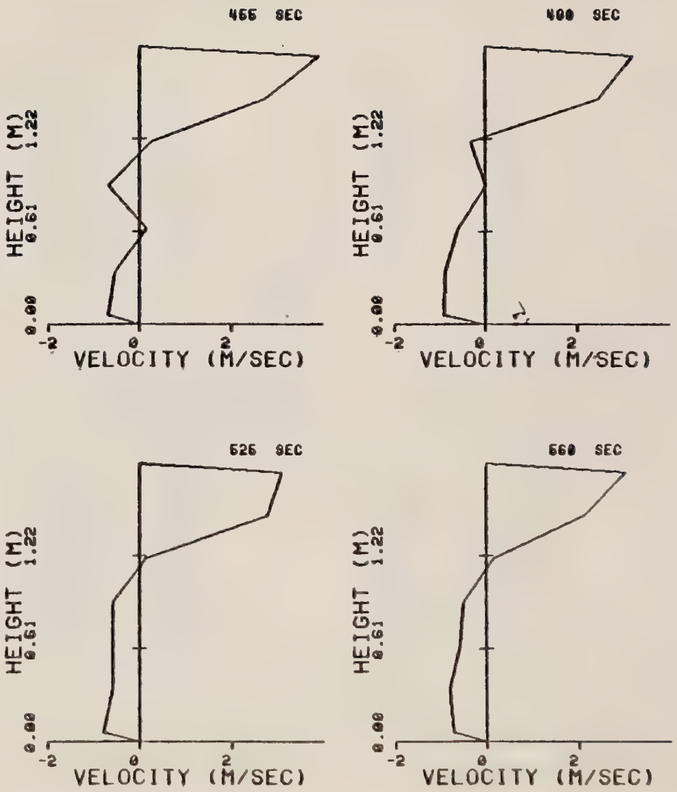

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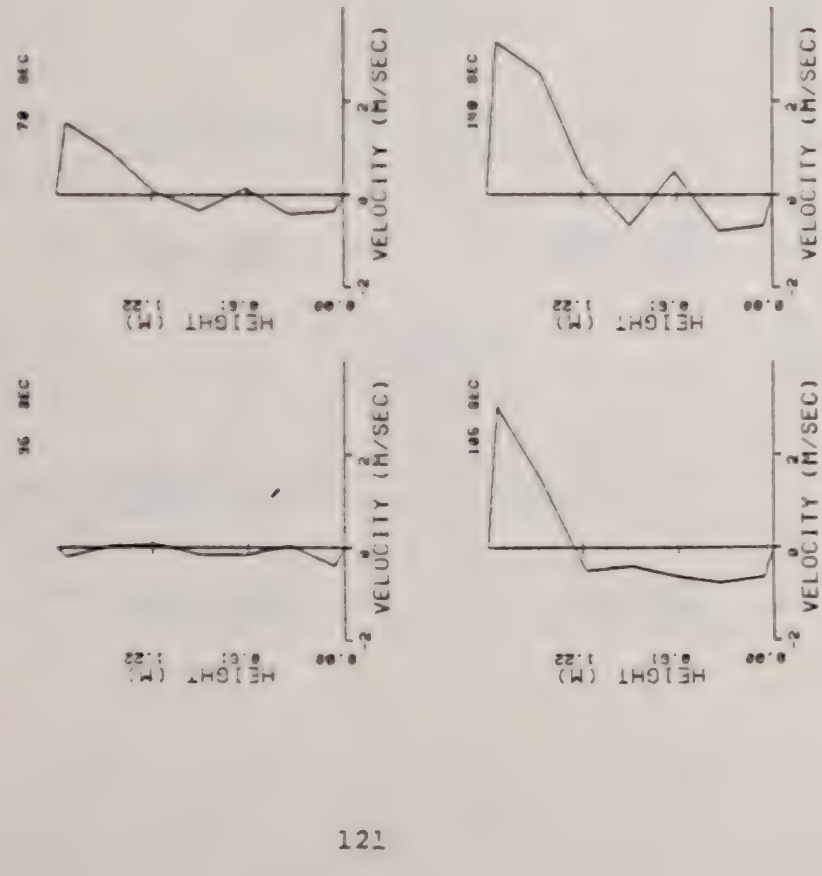

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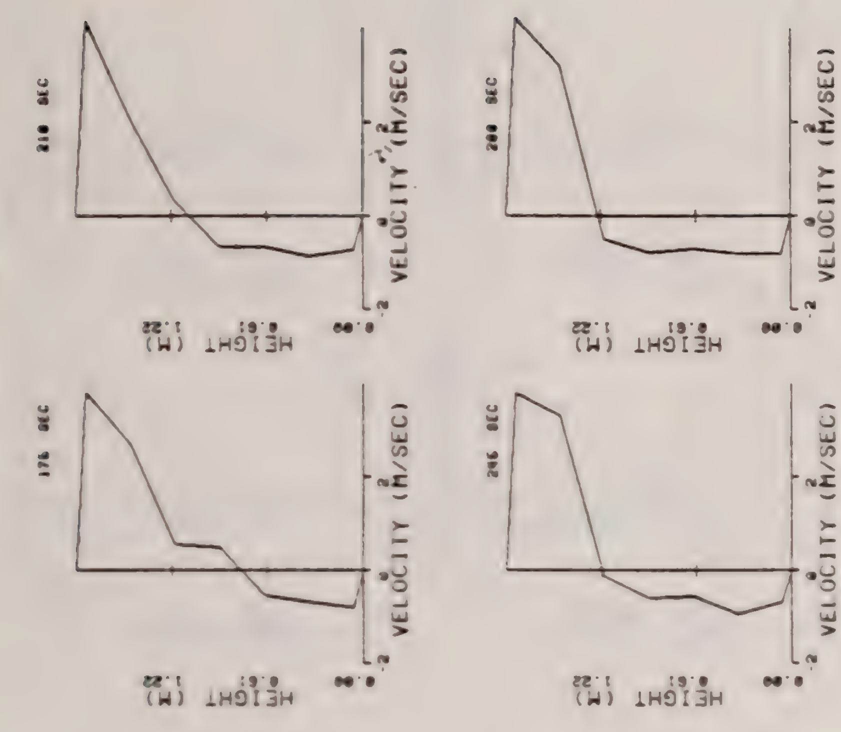

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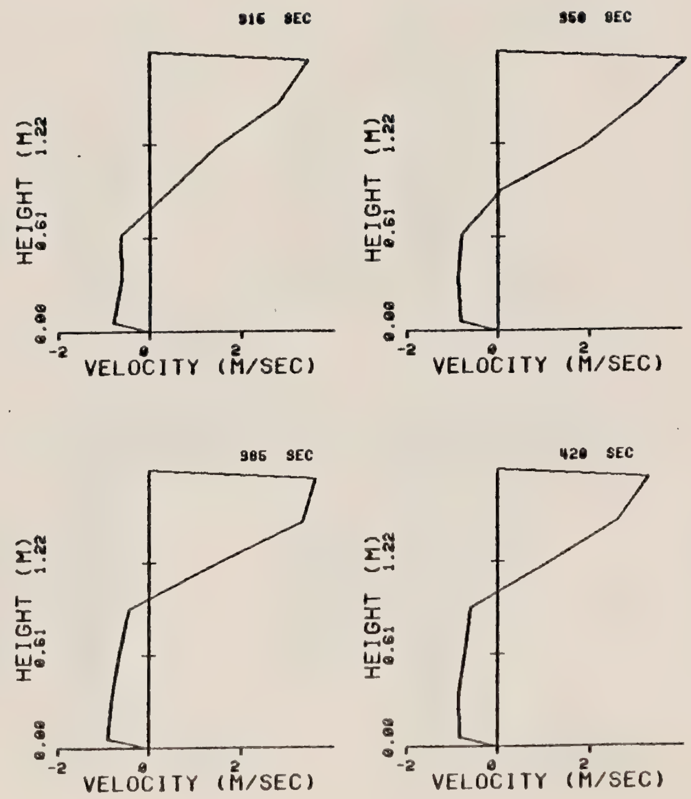

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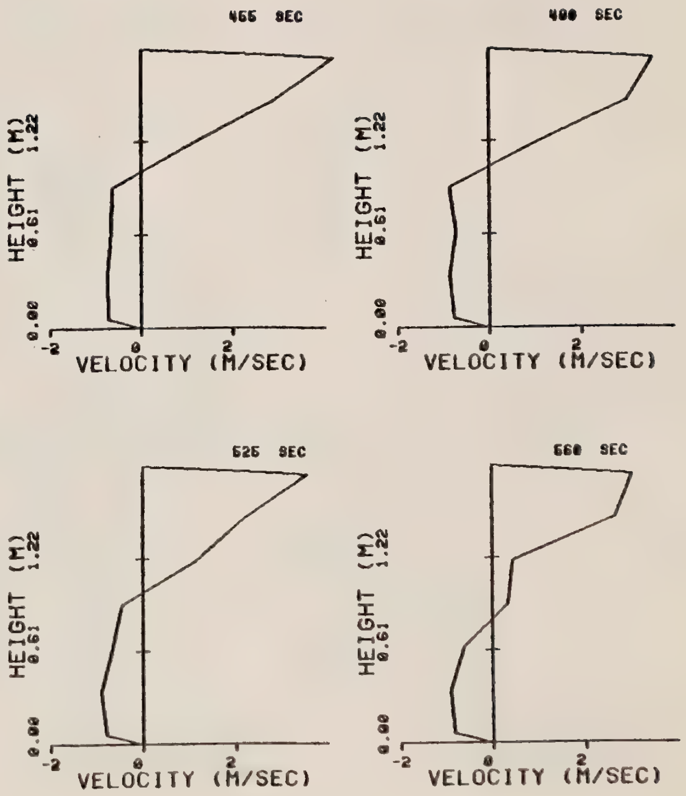

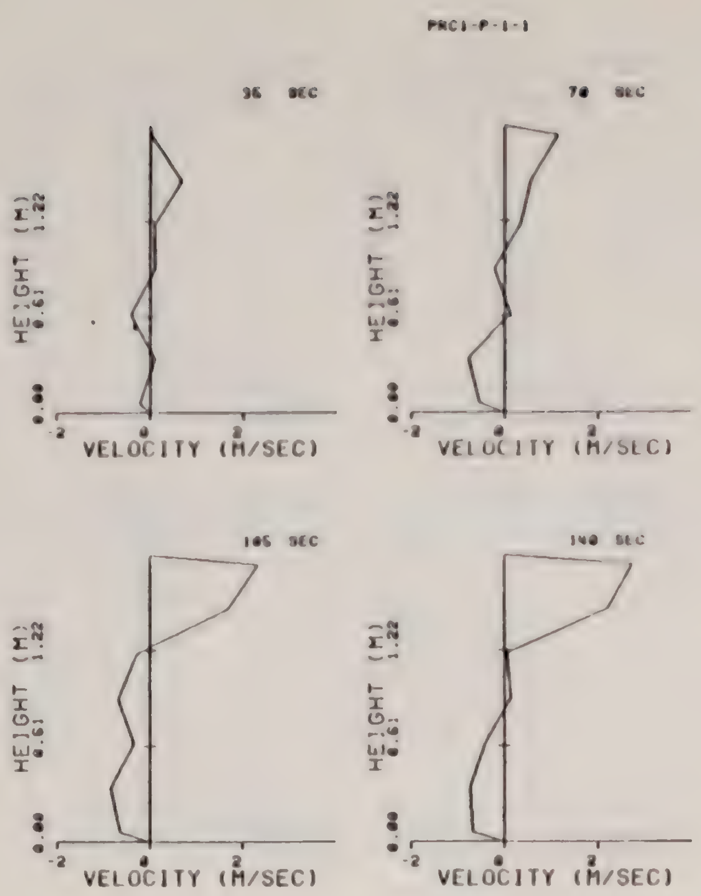
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1.22
VELOCITY (M/SEC)
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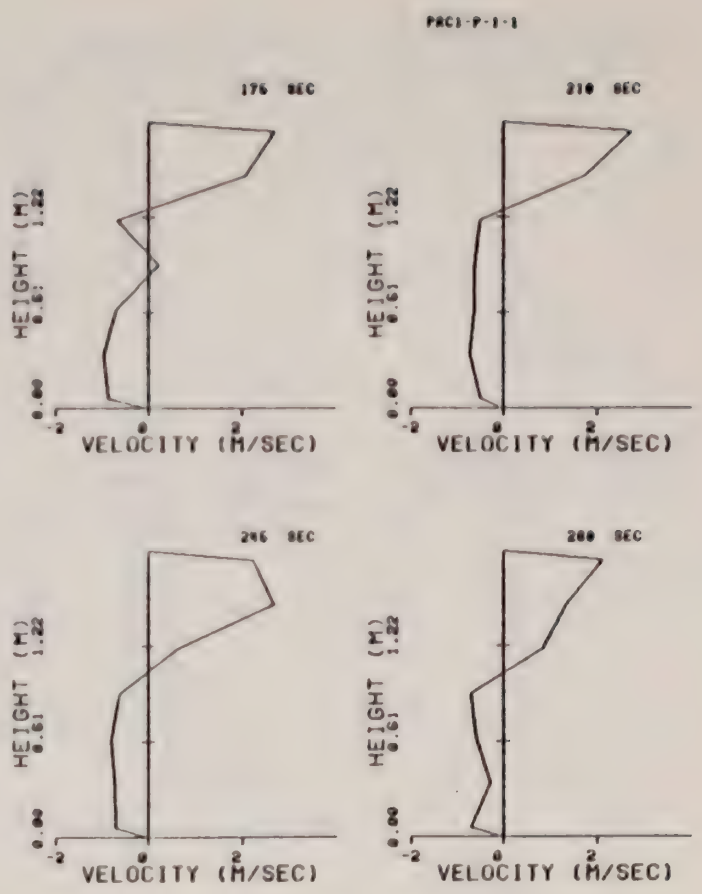
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1.22
VELOCITY (M/SEC)
-2
0
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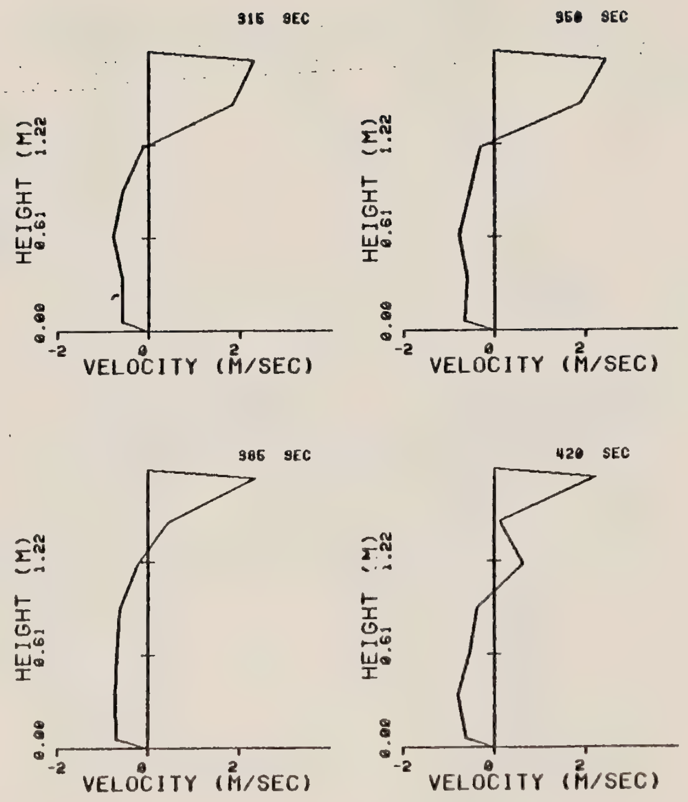

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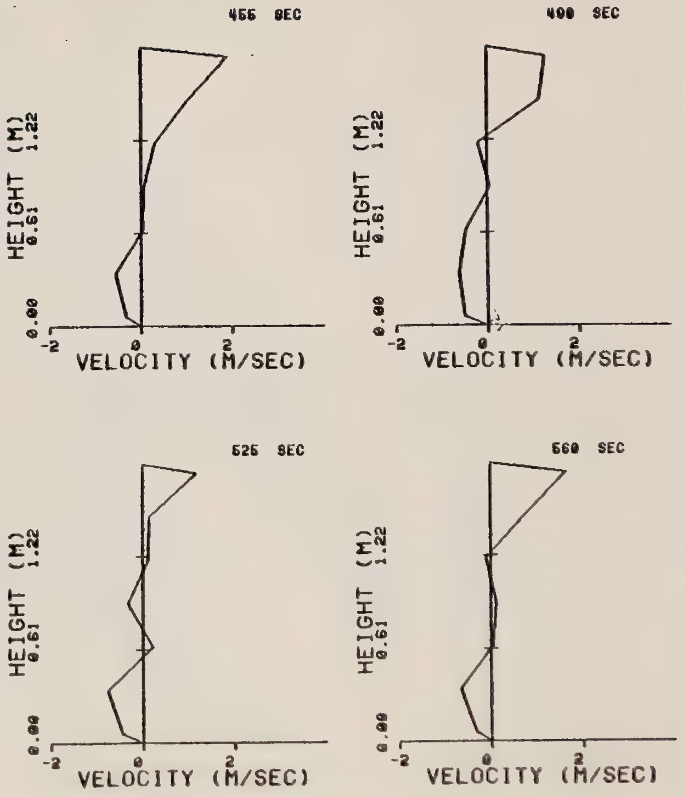

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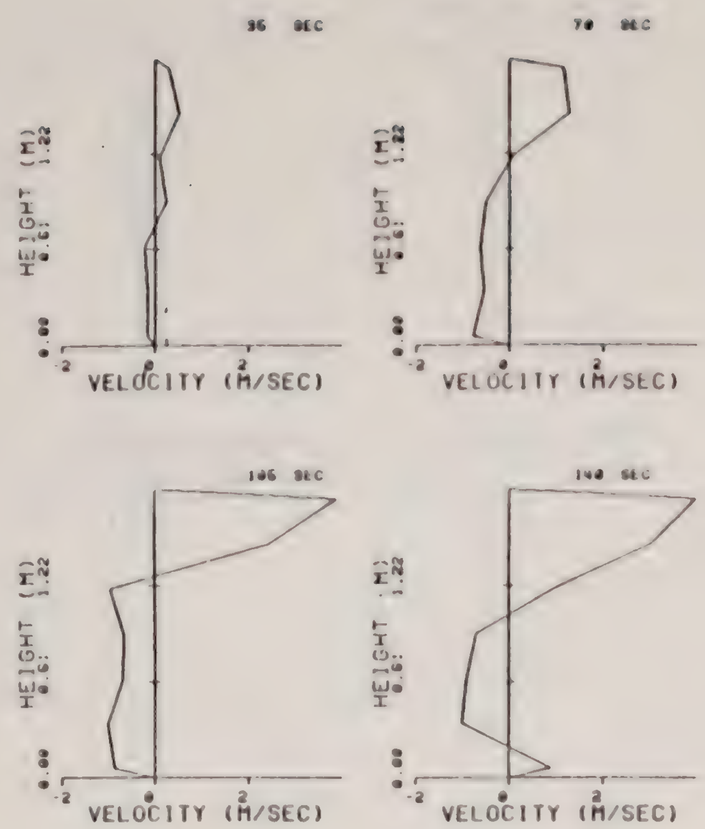

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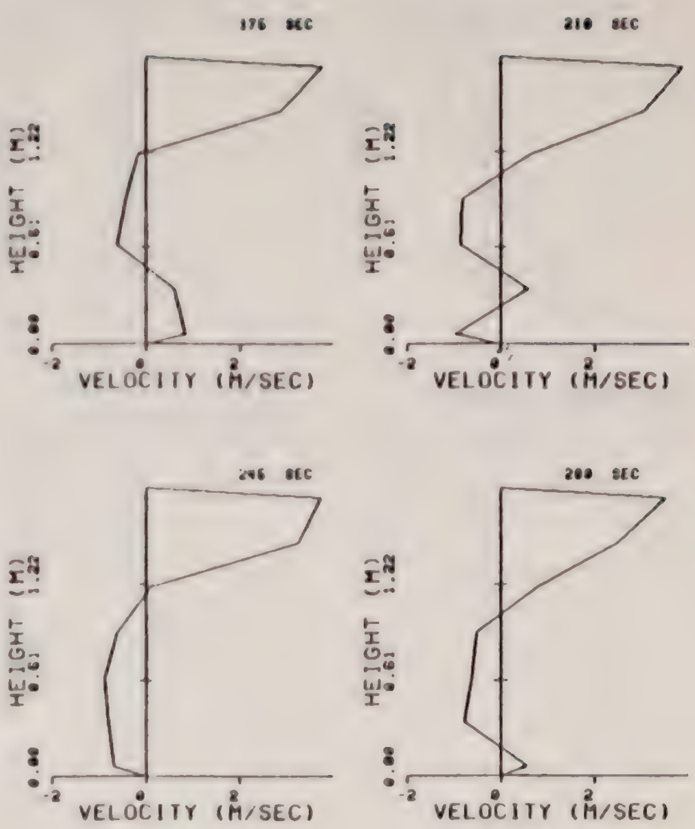

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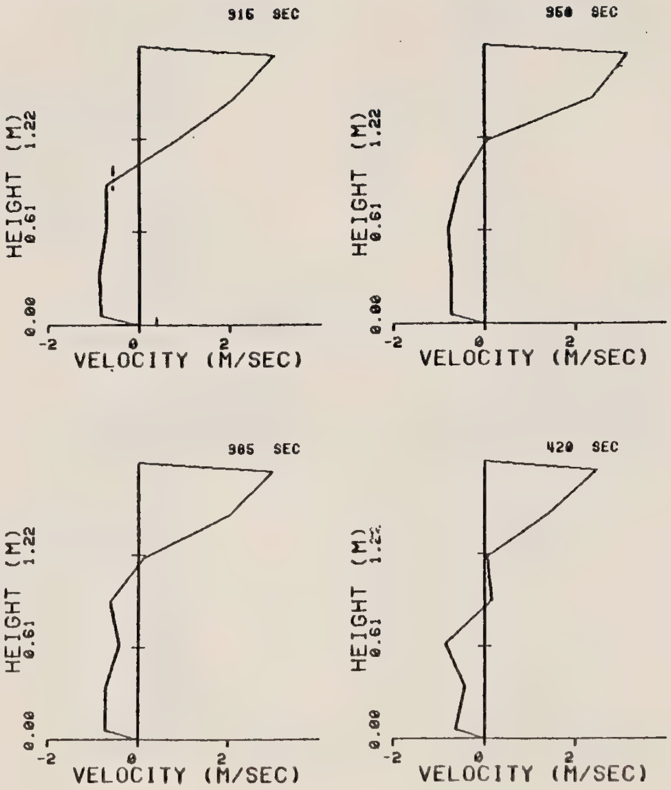

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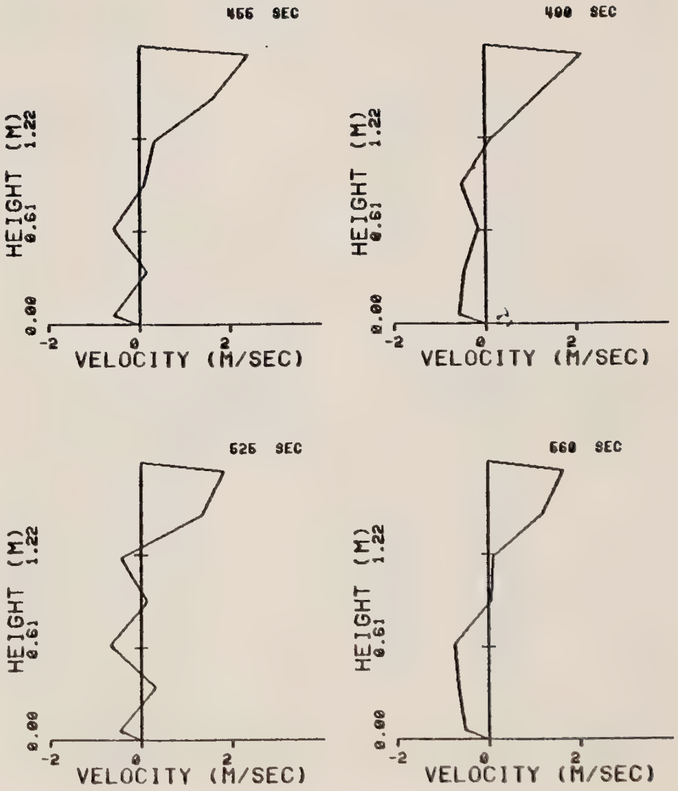
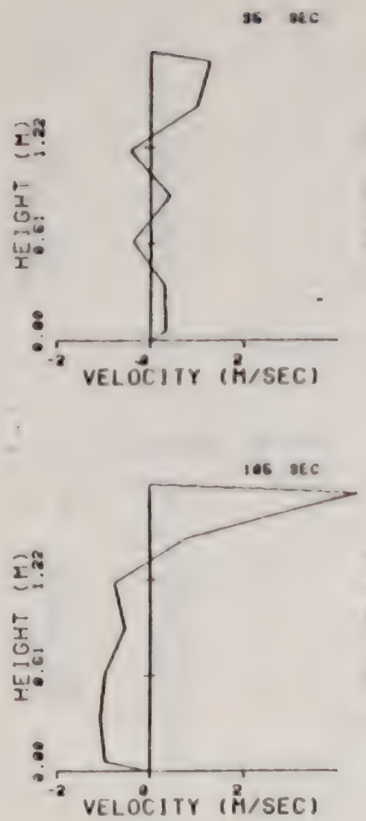
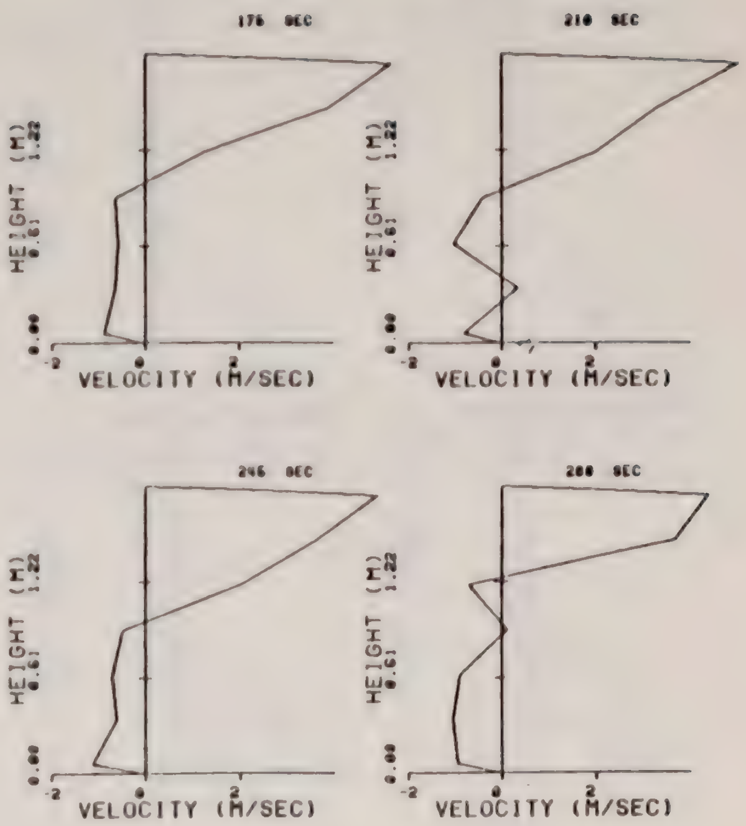


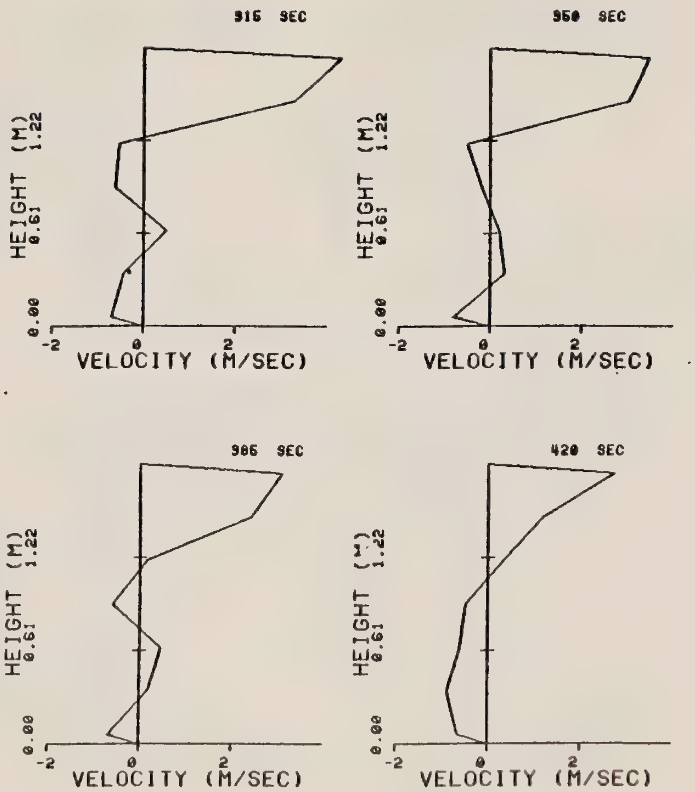
PNC0-P-3-1



PRC6-P-9-1



PRCG-P-9-1



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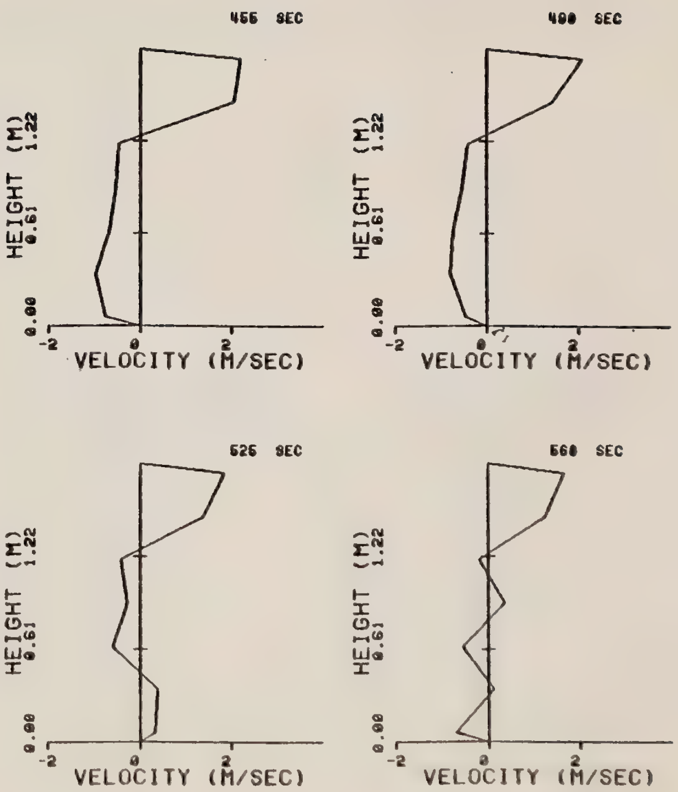

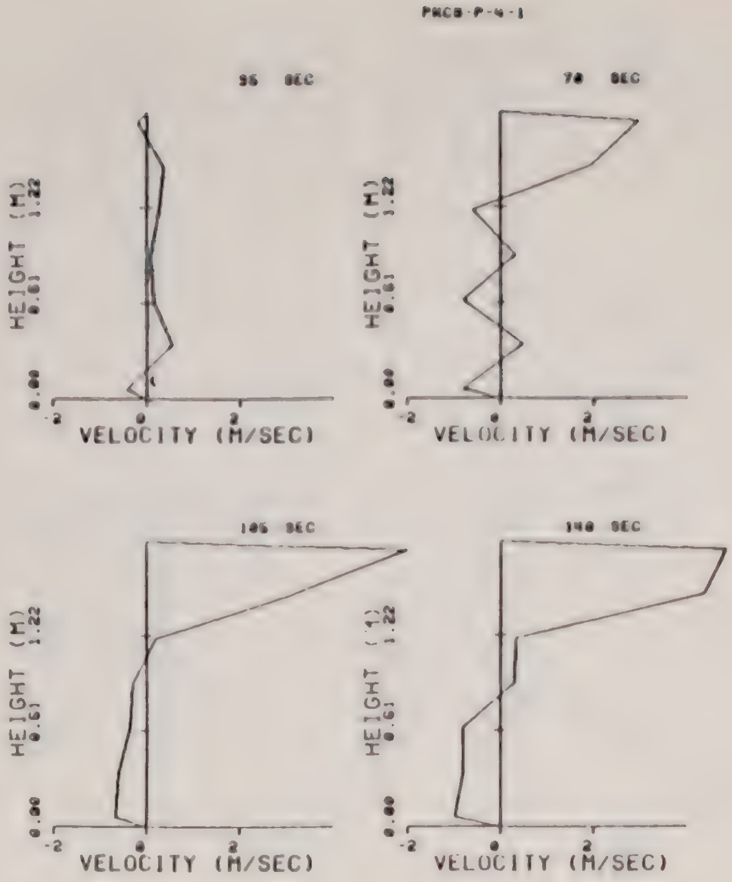
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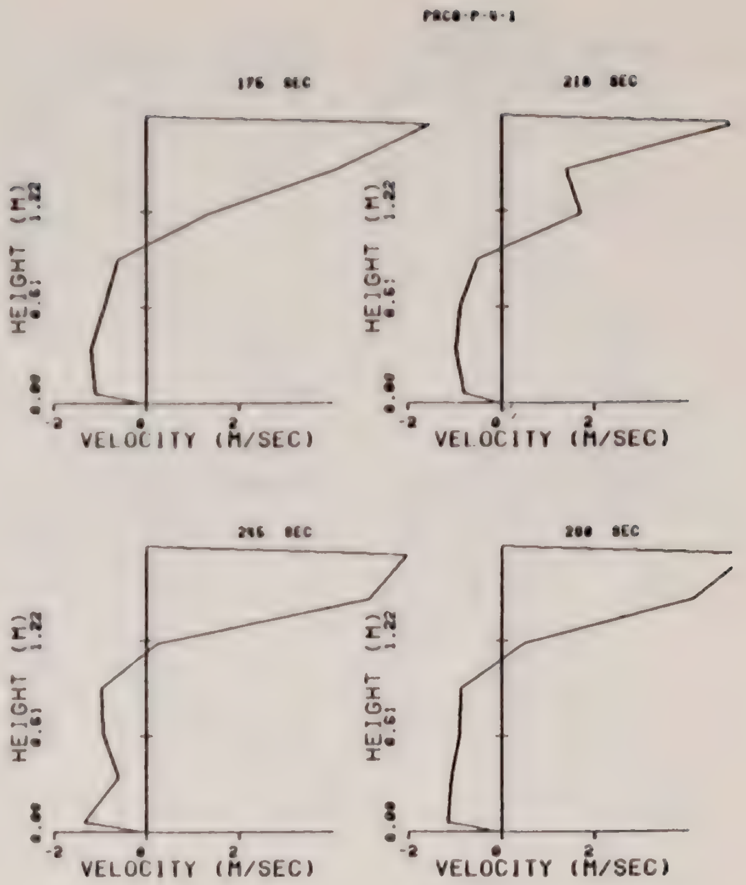
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VELOCITY (M/SEC)
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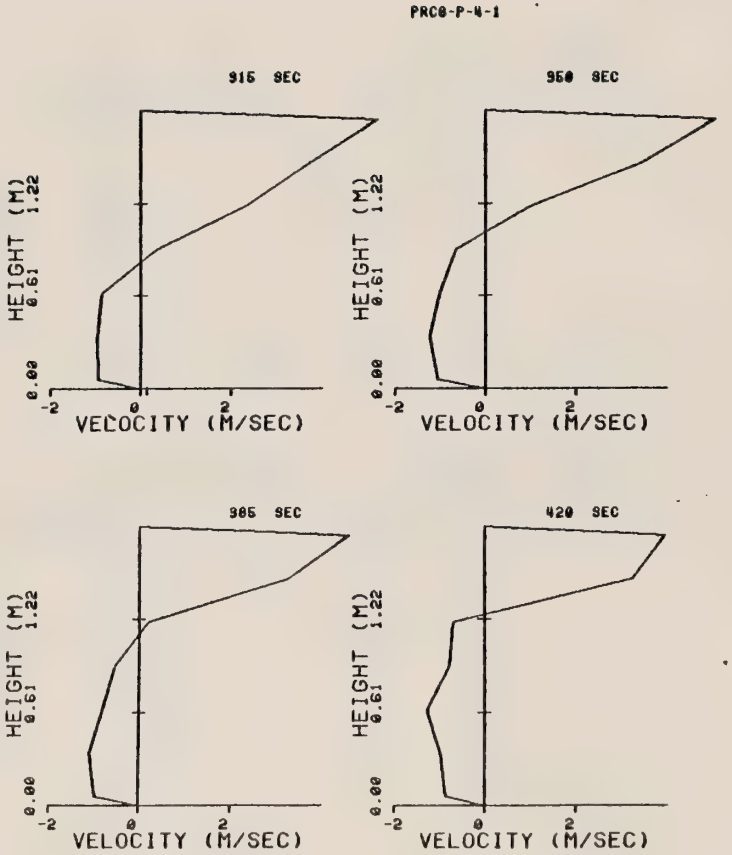
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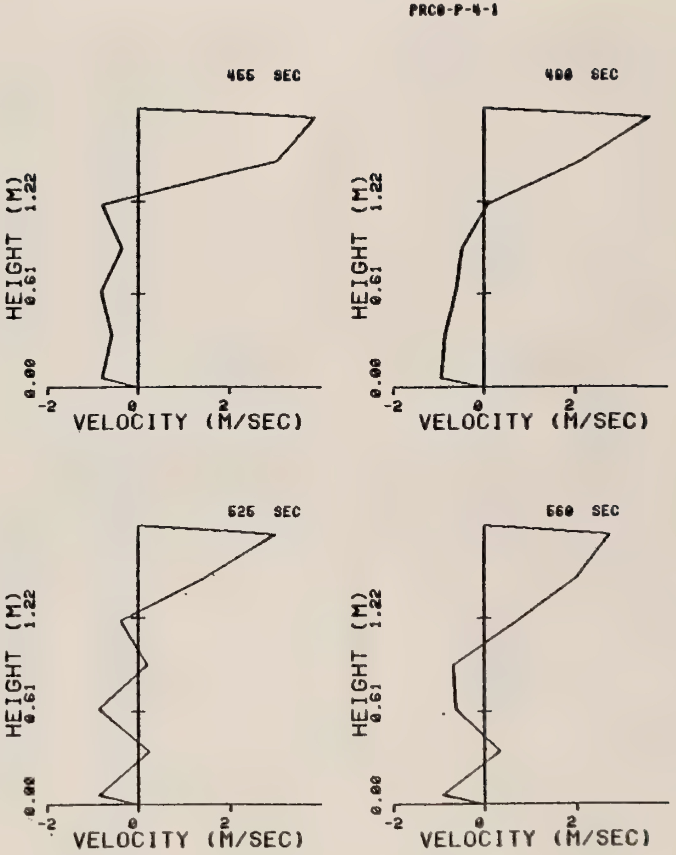
VELOCITY (M/SEC)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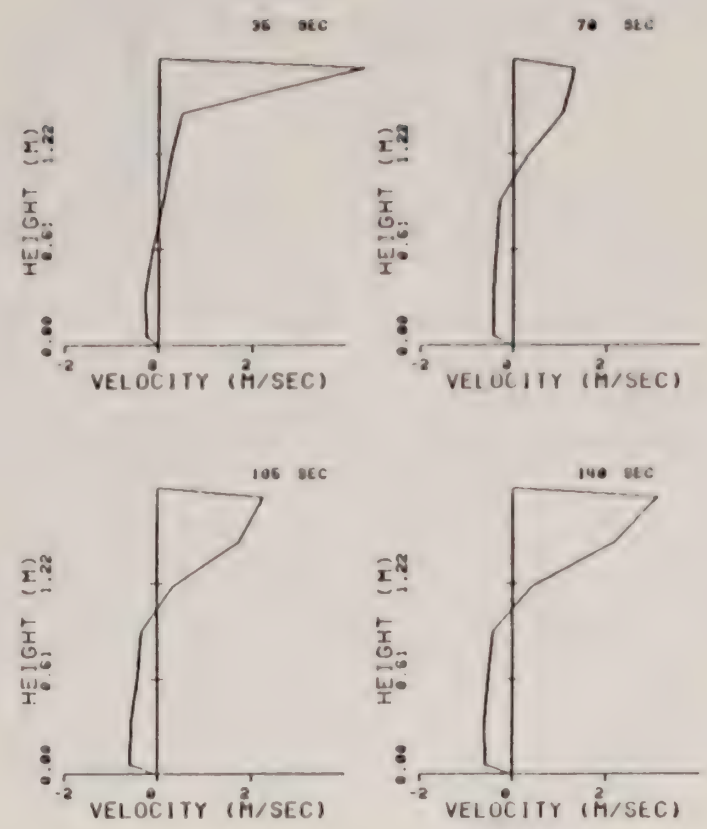
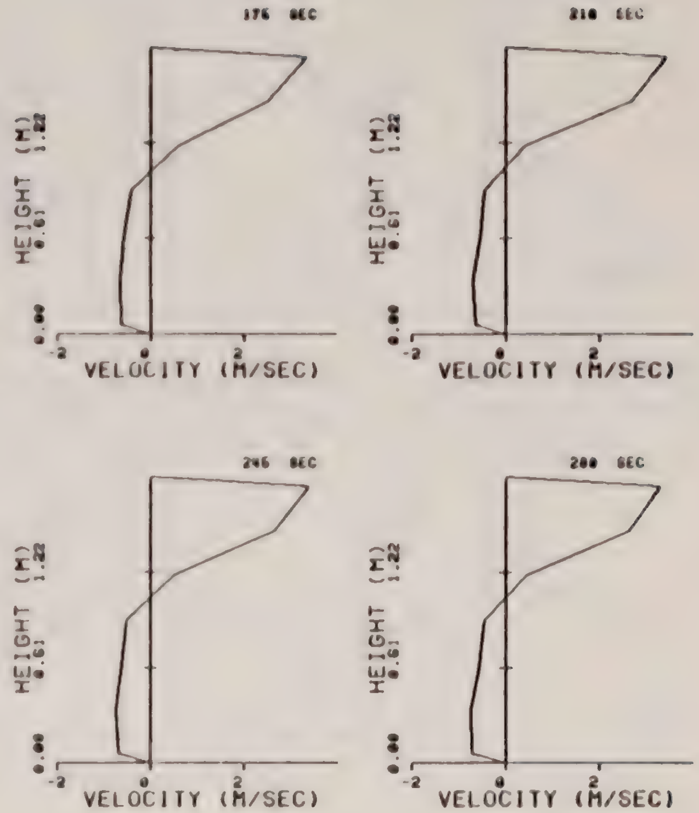
PRCO-W-2-1/2



PRCO-W-2-1/2



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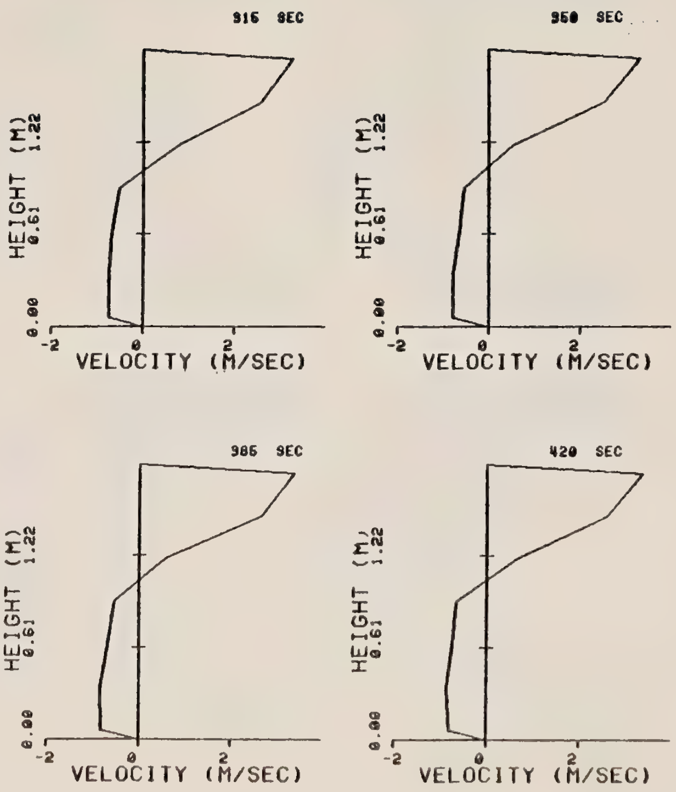

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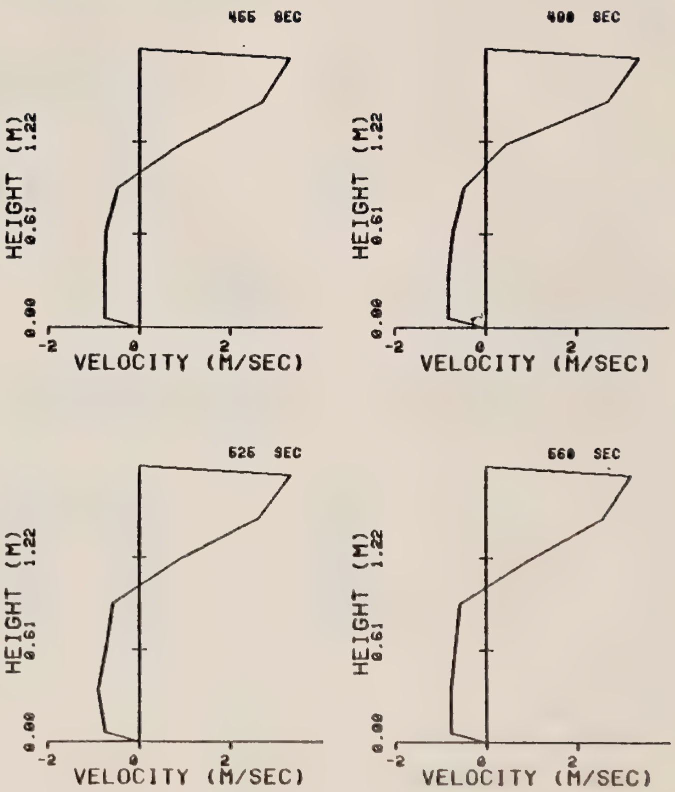

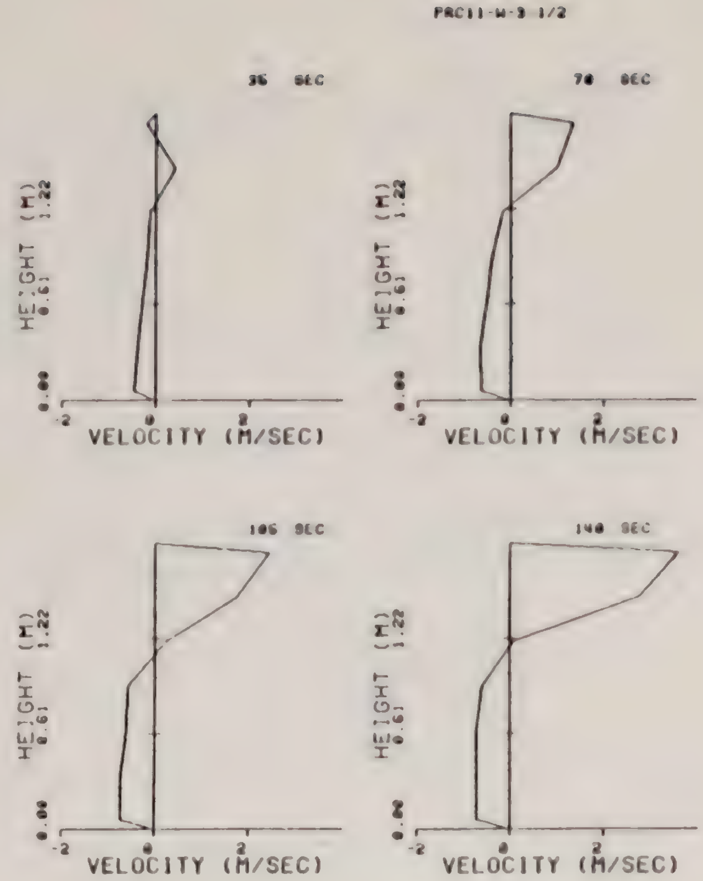
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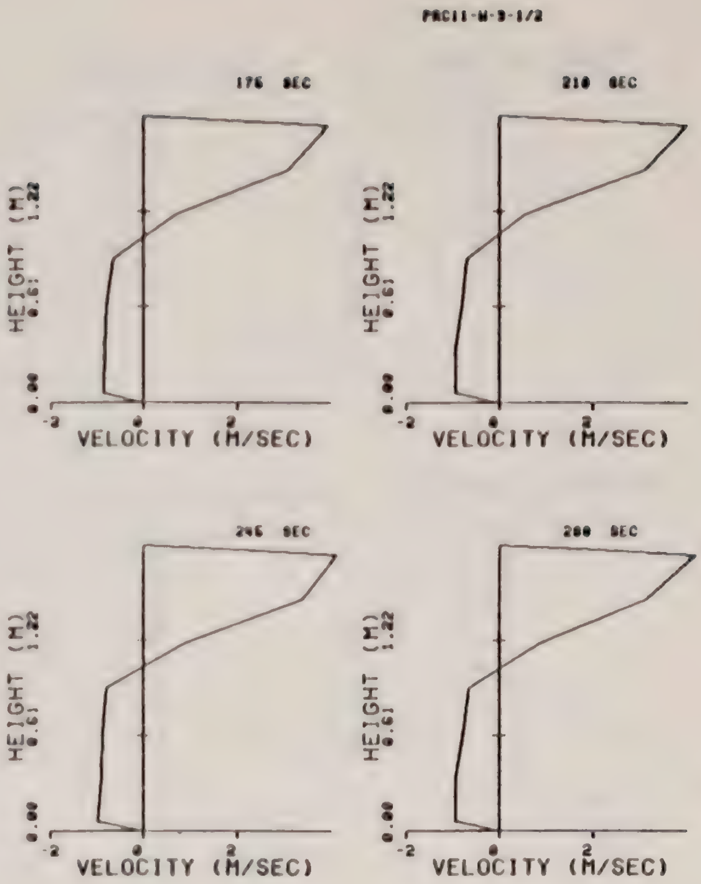
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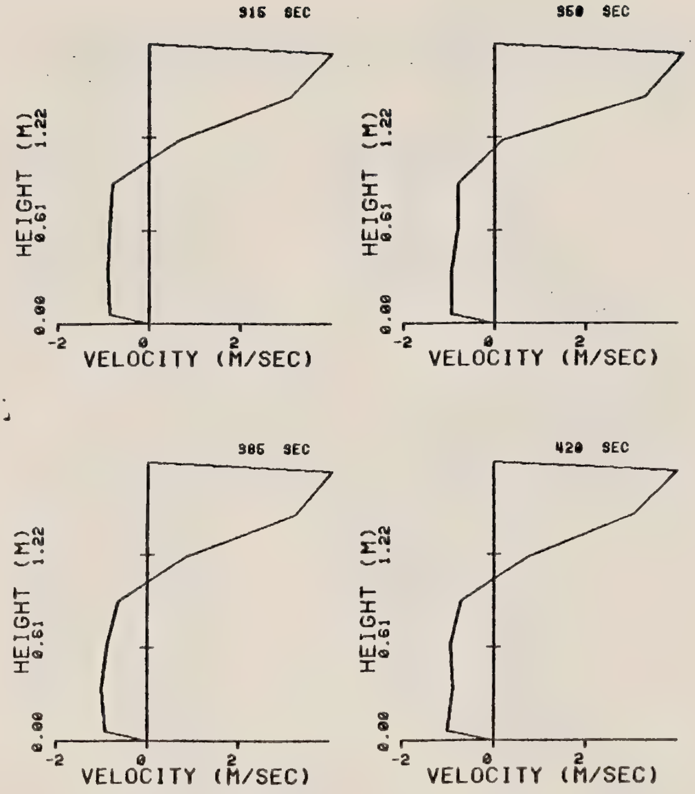
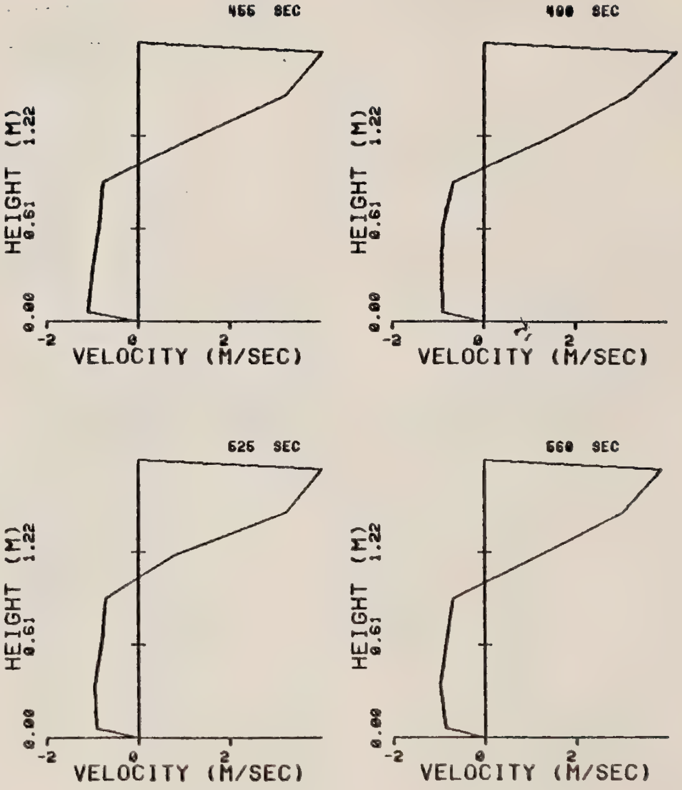
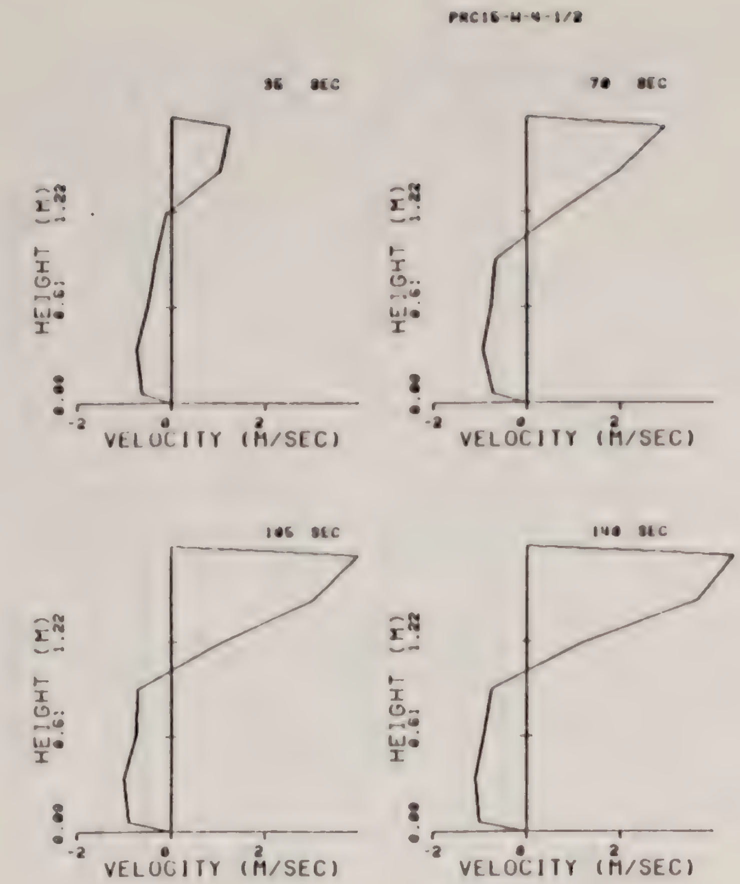
PRC11-W-9-1/2



PRC11-W-9-1/2

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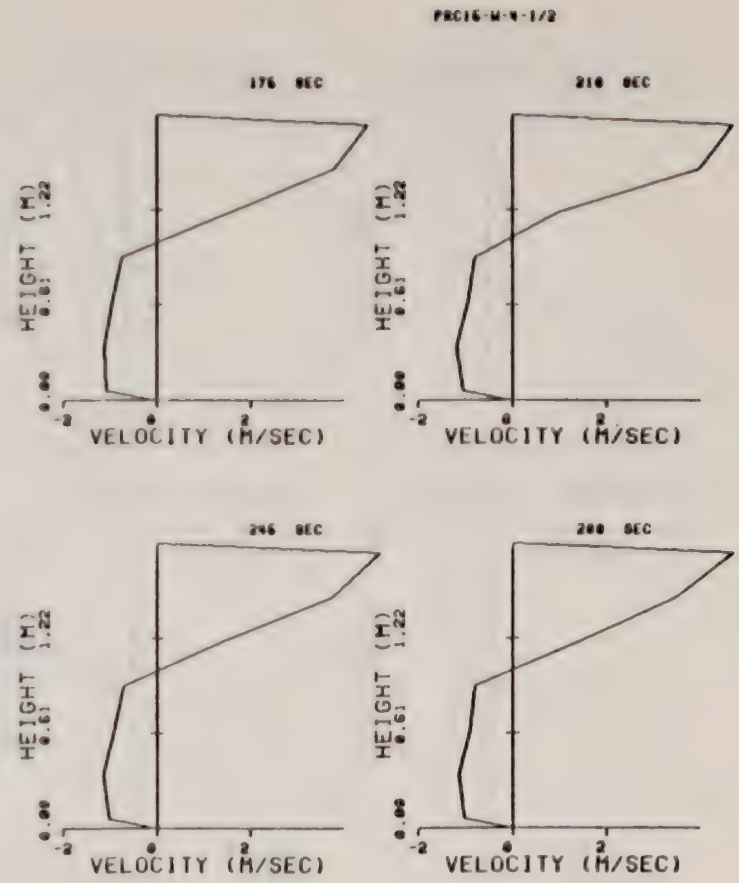
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VELOCITY (M/SEC)
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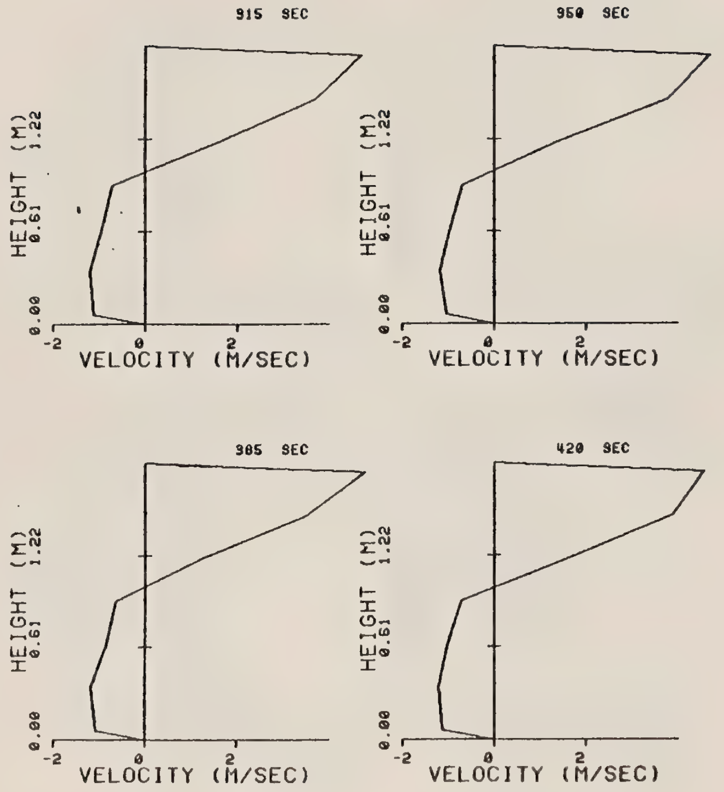
PRC15-W-4-1/2



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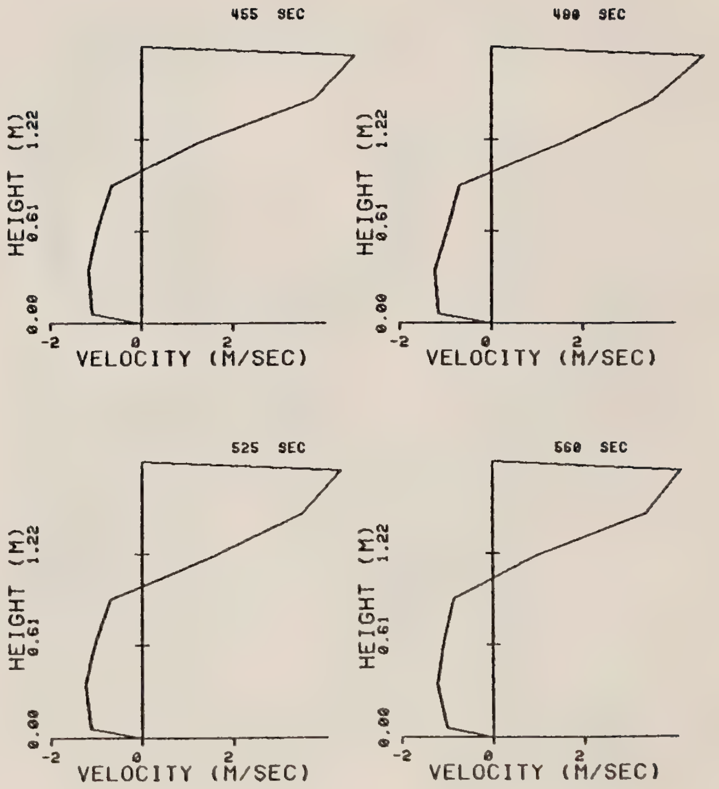

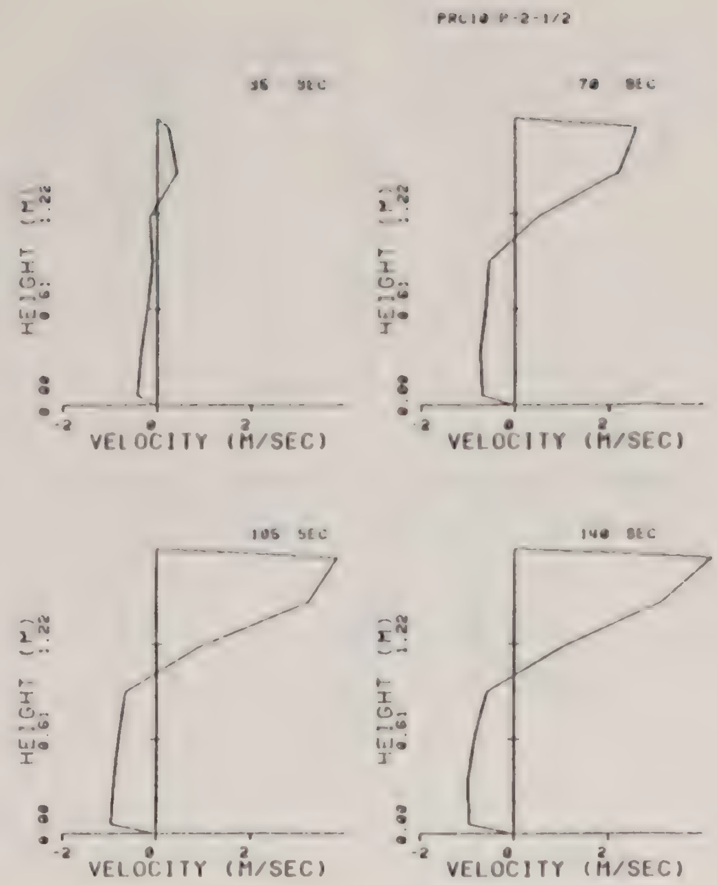
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140 SEC
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1.22
VELOCITY (M/SEC)
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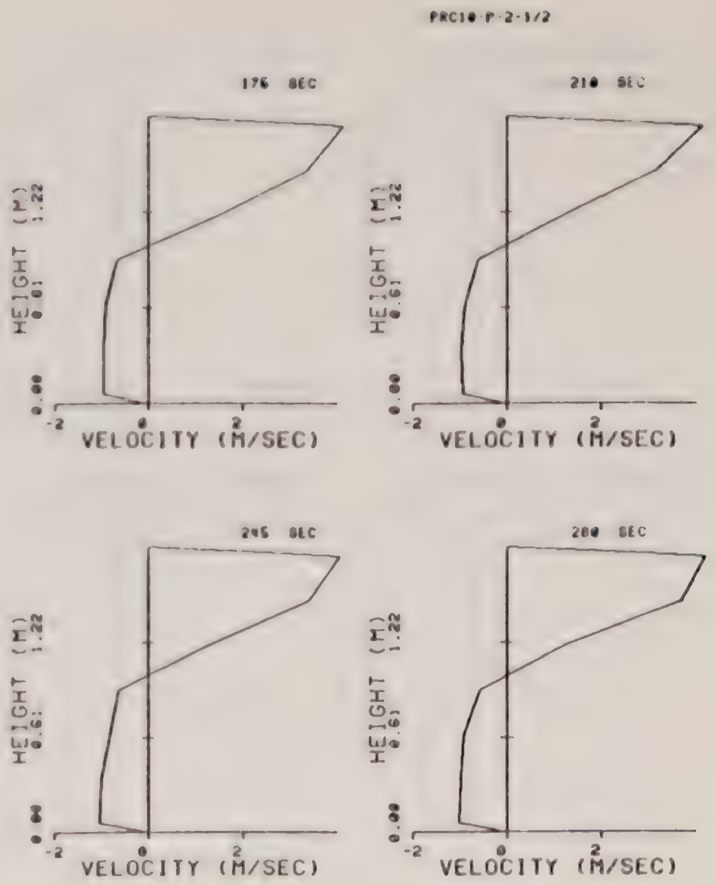
PRC10 P-2-1/2
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VELOCITY (M/SEC)
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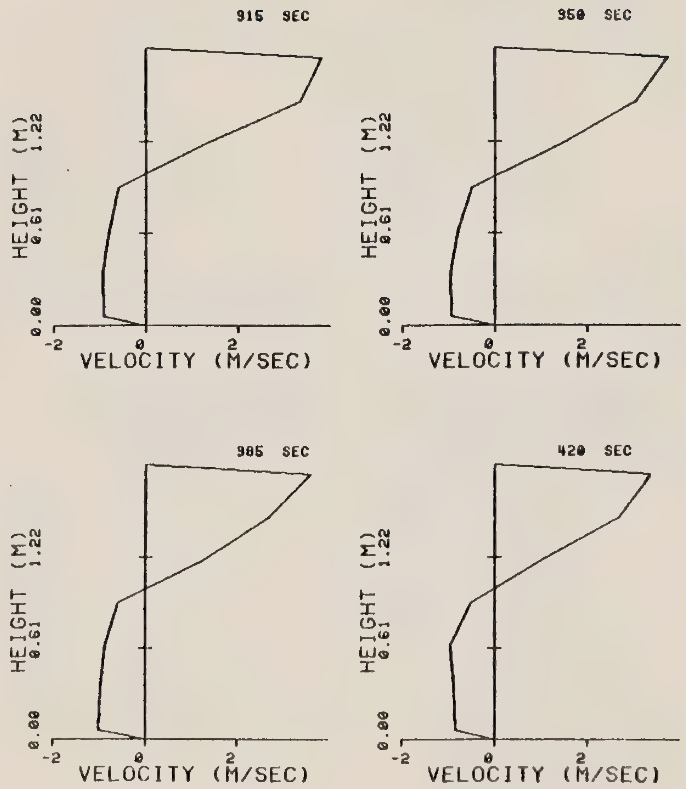
PRC10-P-2-1/2



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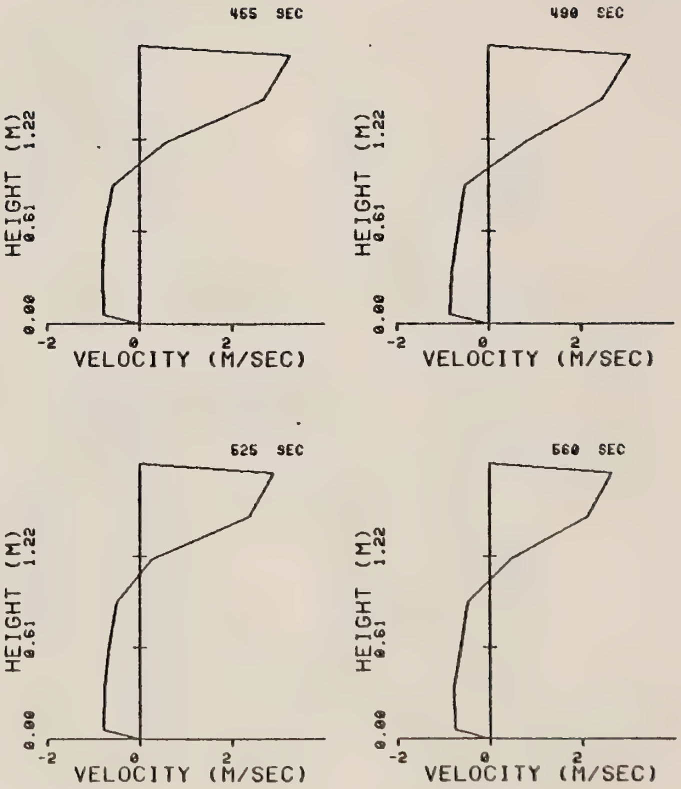

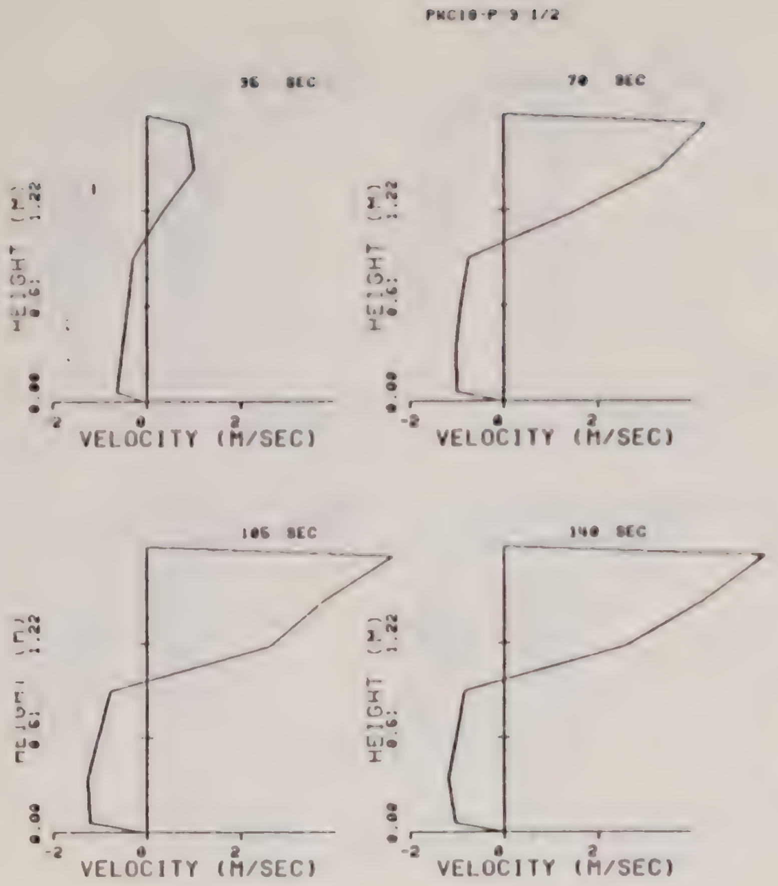
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1.22
VELOCITY (M/SEC)
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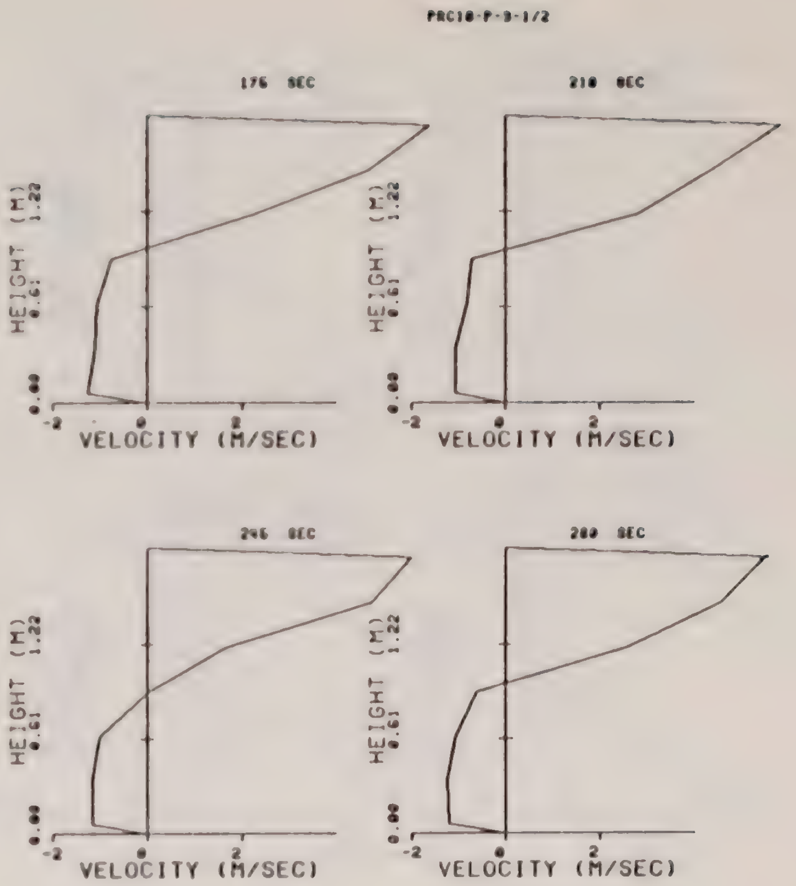
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1.22
VELOCITY (M/SEC)
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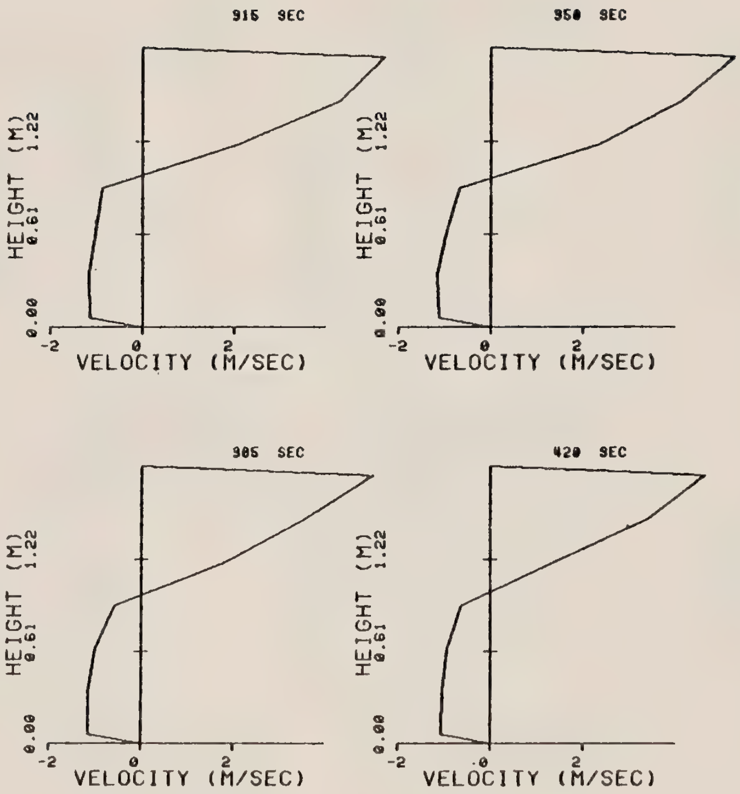
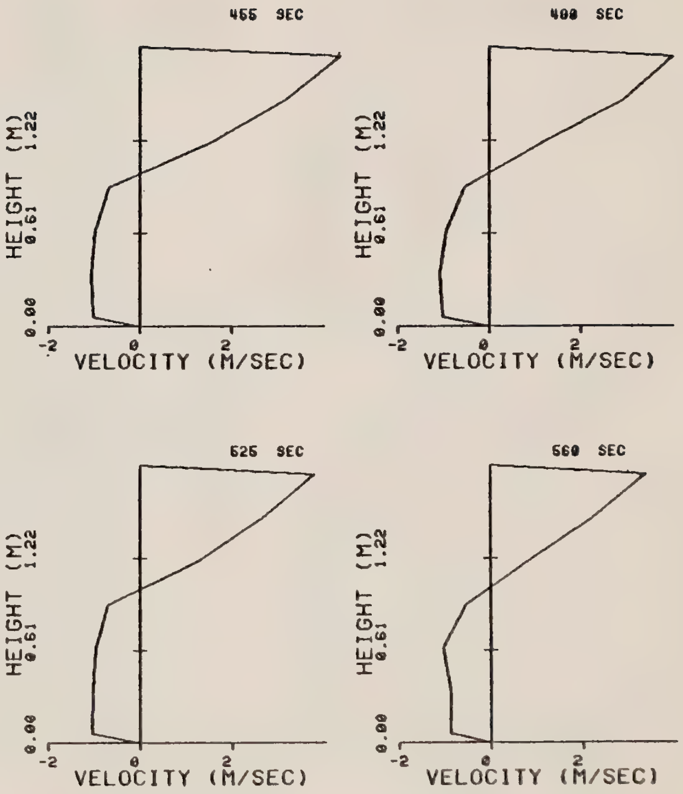
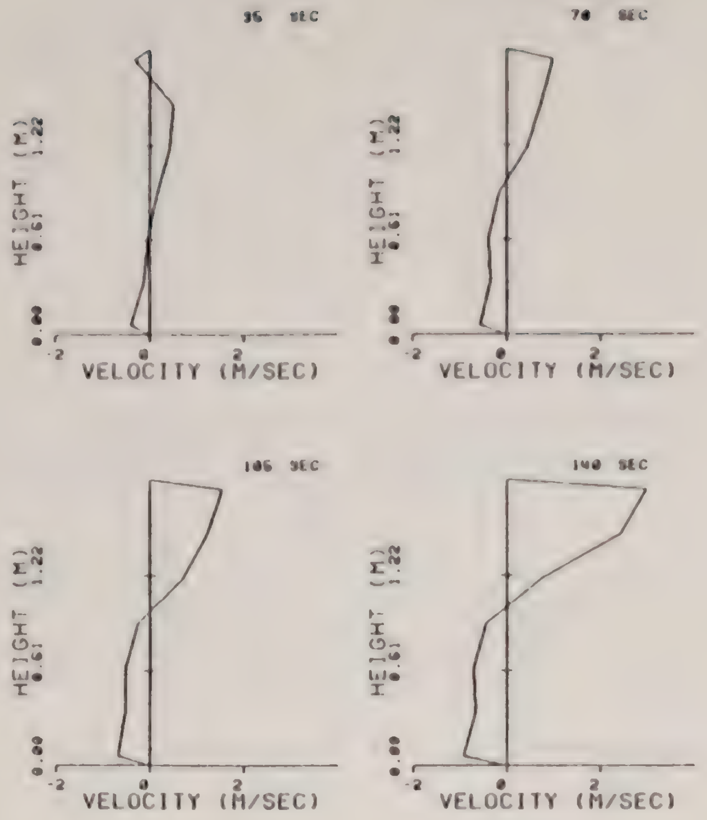
PRC10-P-3-1/2



PRC10-P-3-1/2



PRC13-W 2-1/4



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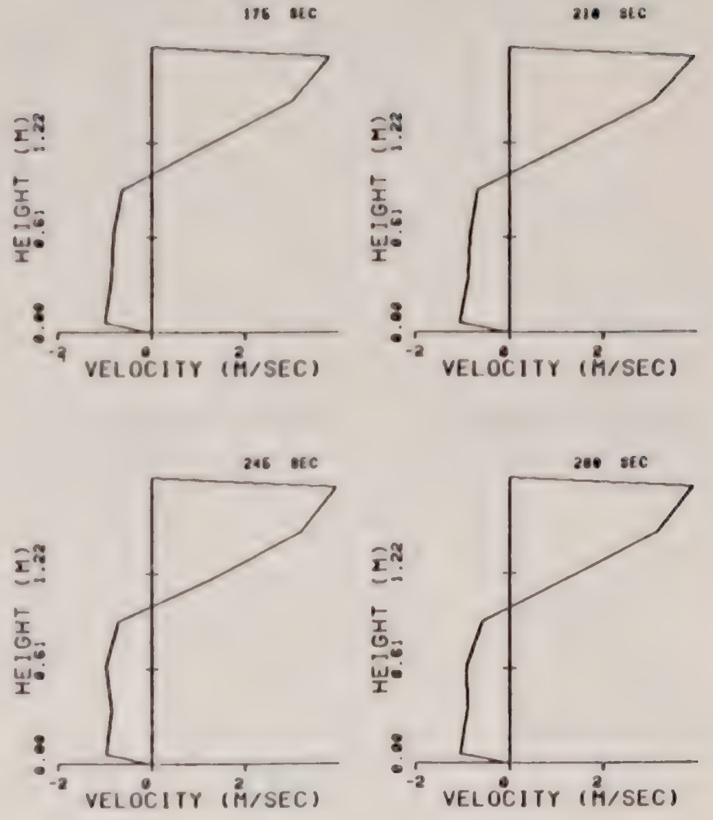

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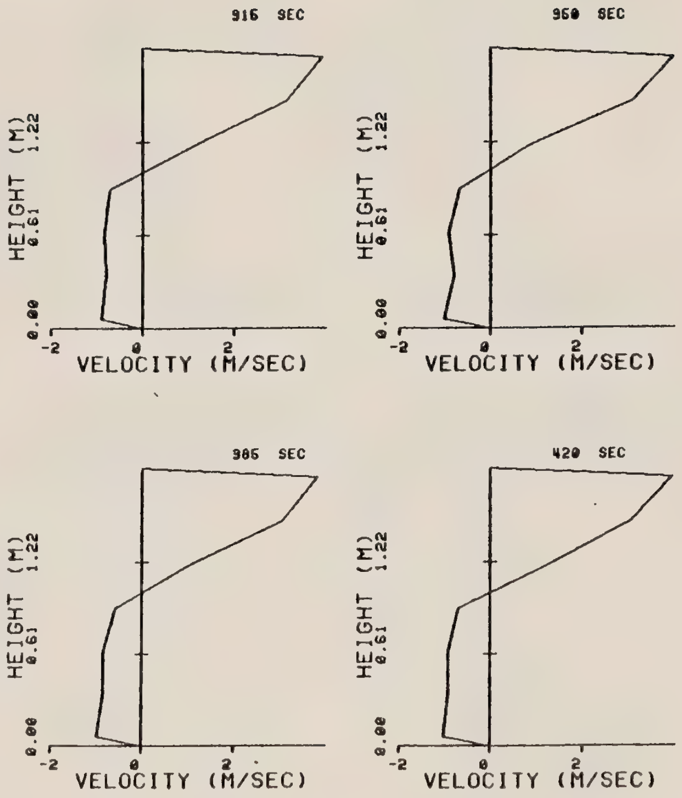
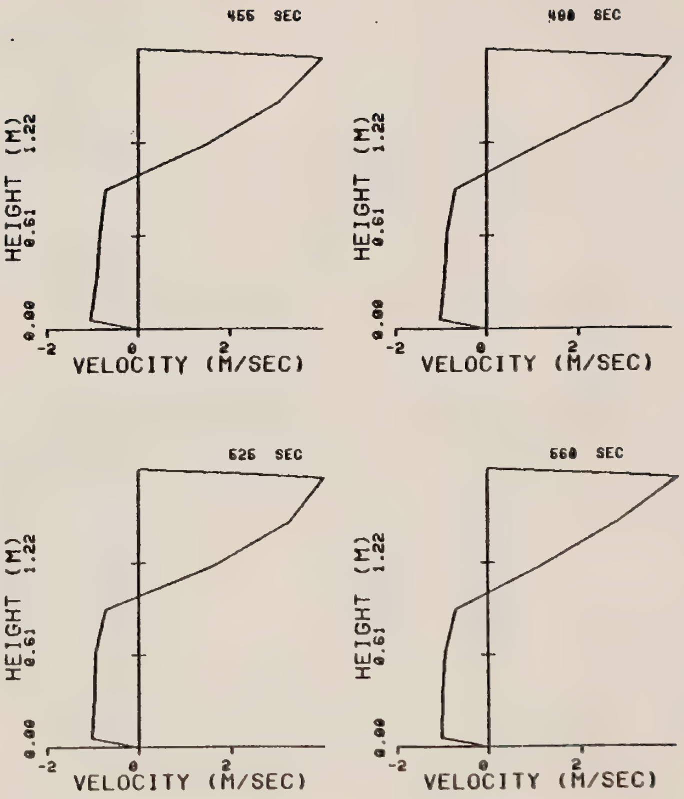
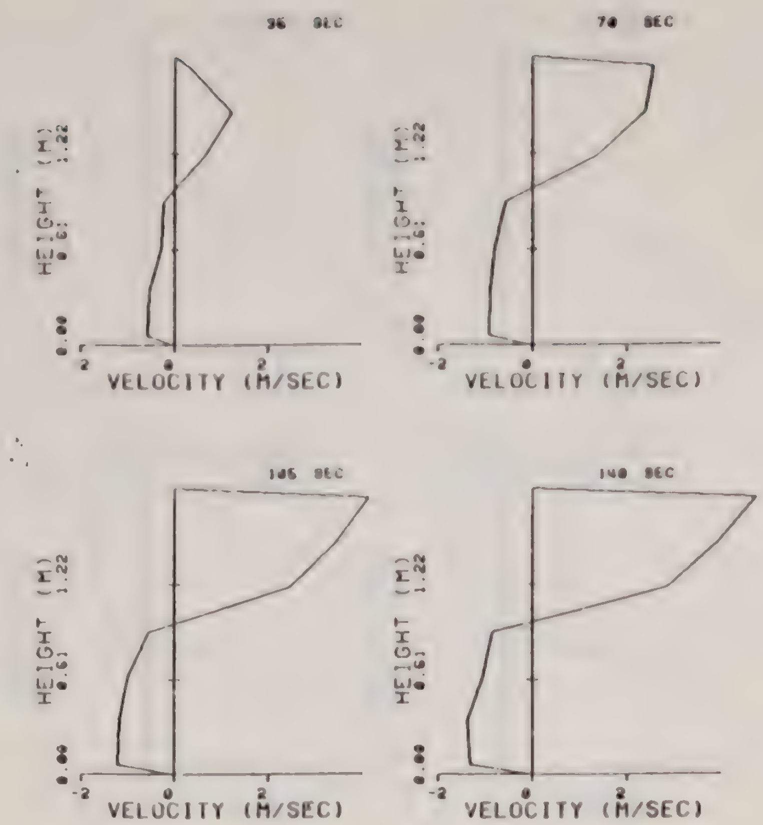


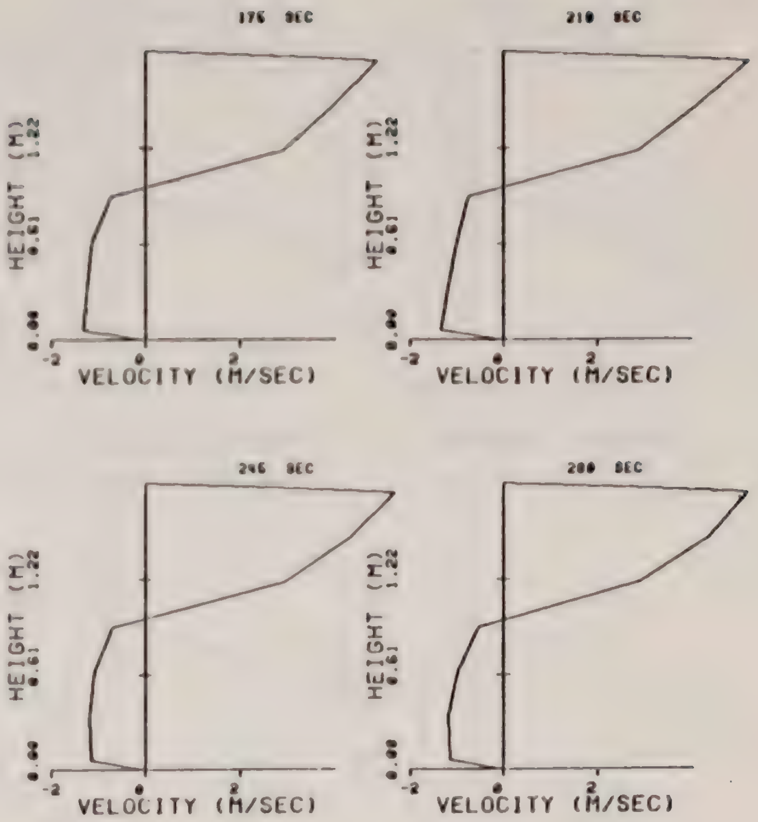
PRC19-W-2-1/4



PRC17-W-4-1/4



PRC17-W-4-1/4



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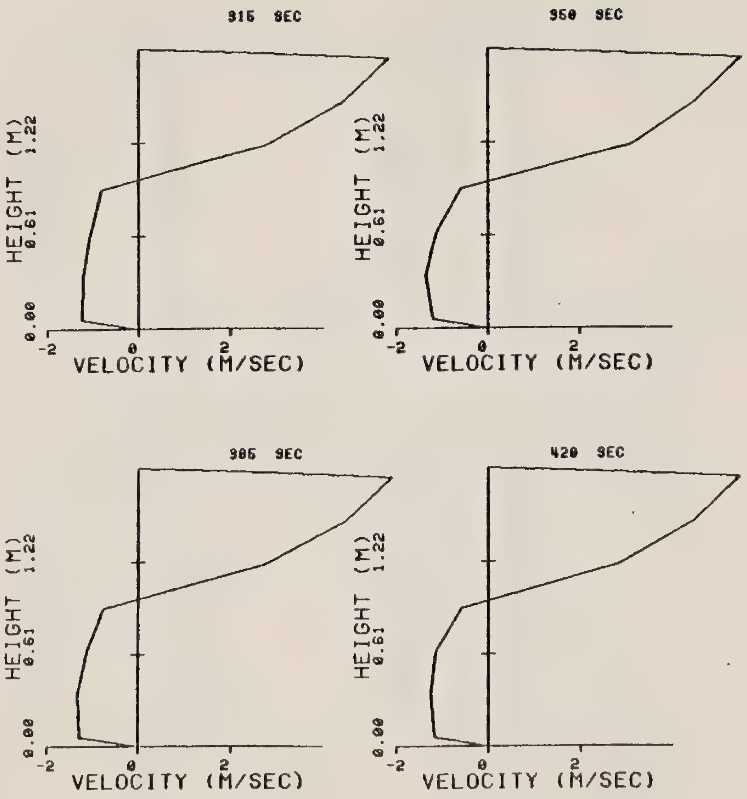

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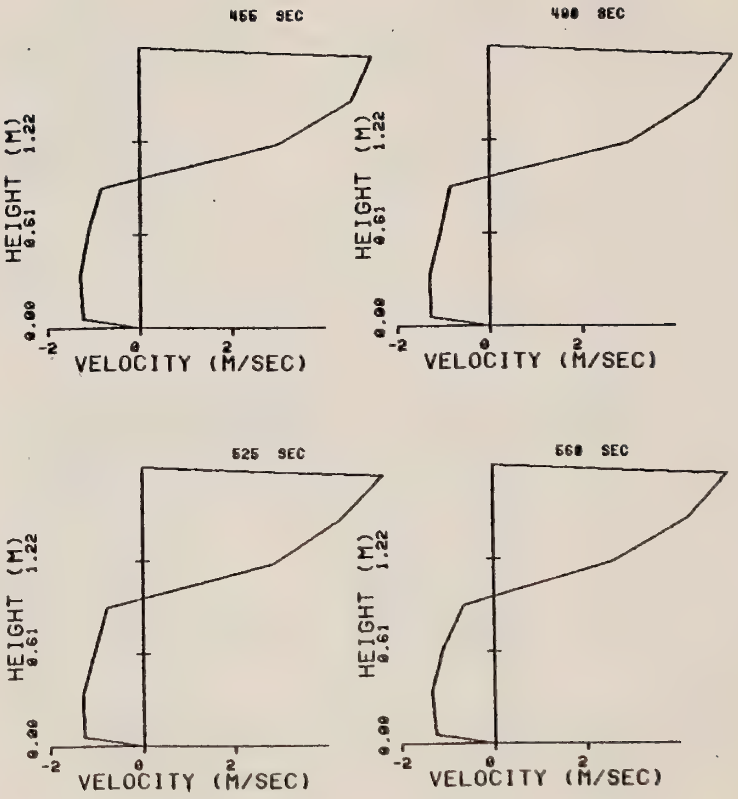

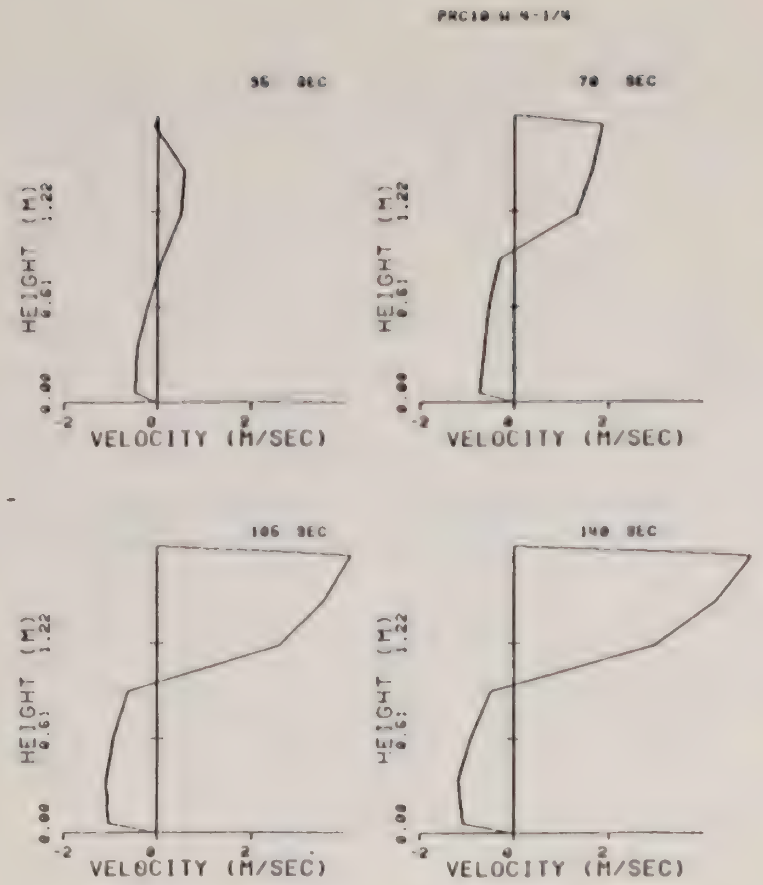
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1.22
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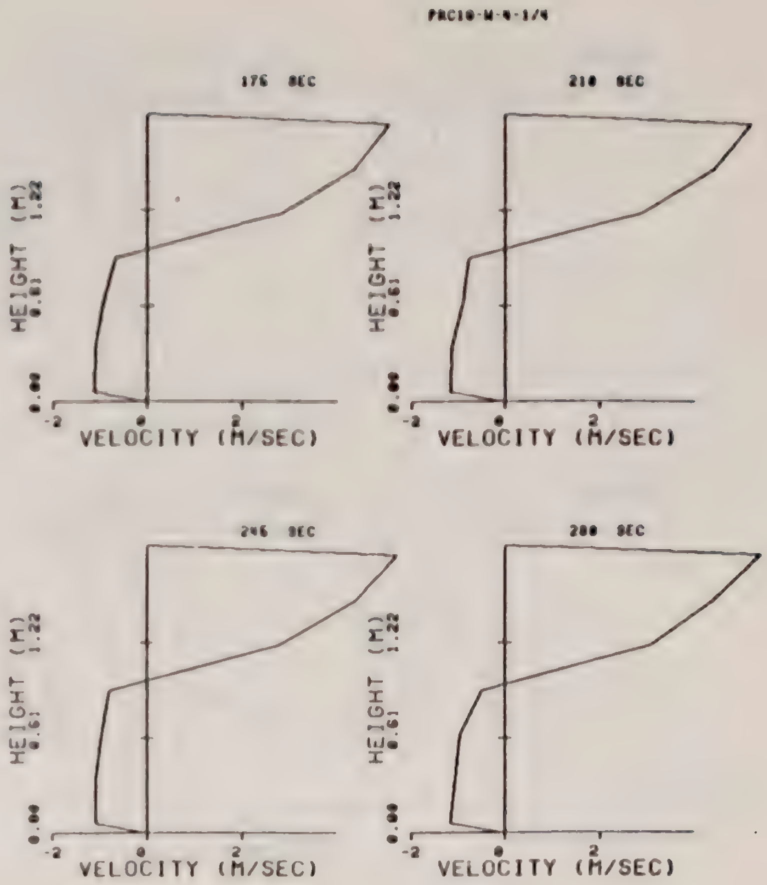
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1.22
VELOCITY (M/SEC)
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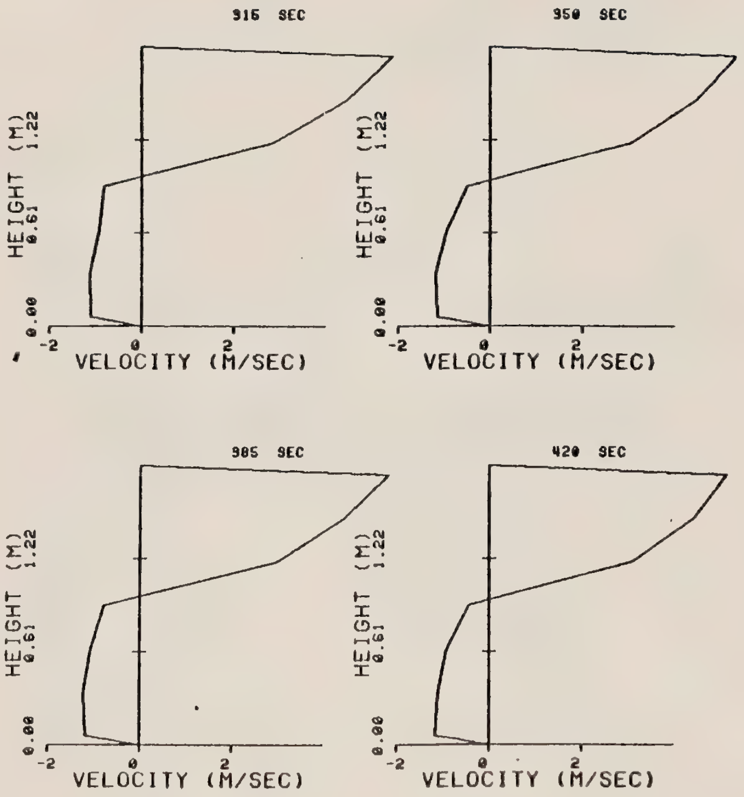
PRC10-W-4-1/4



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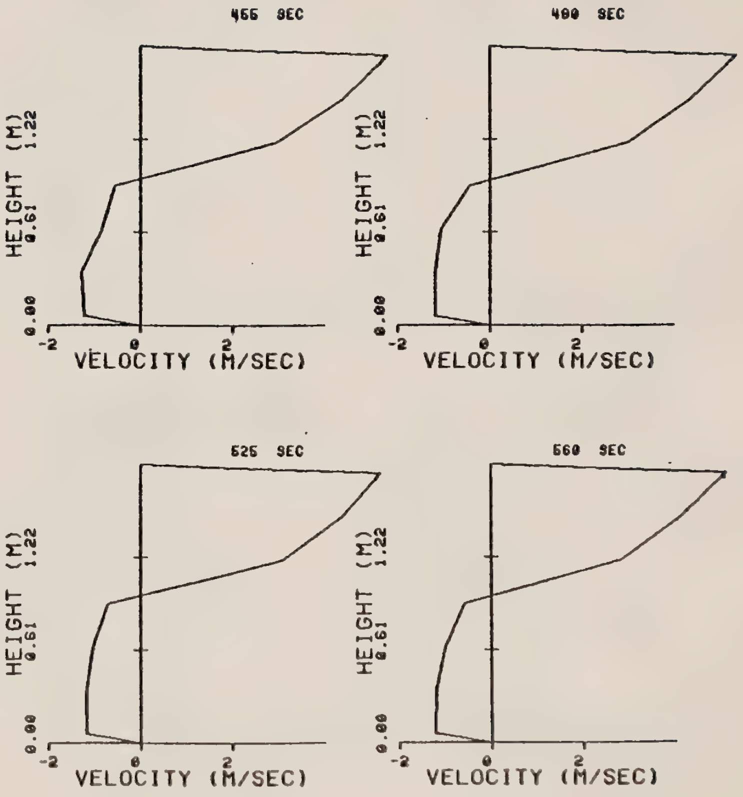

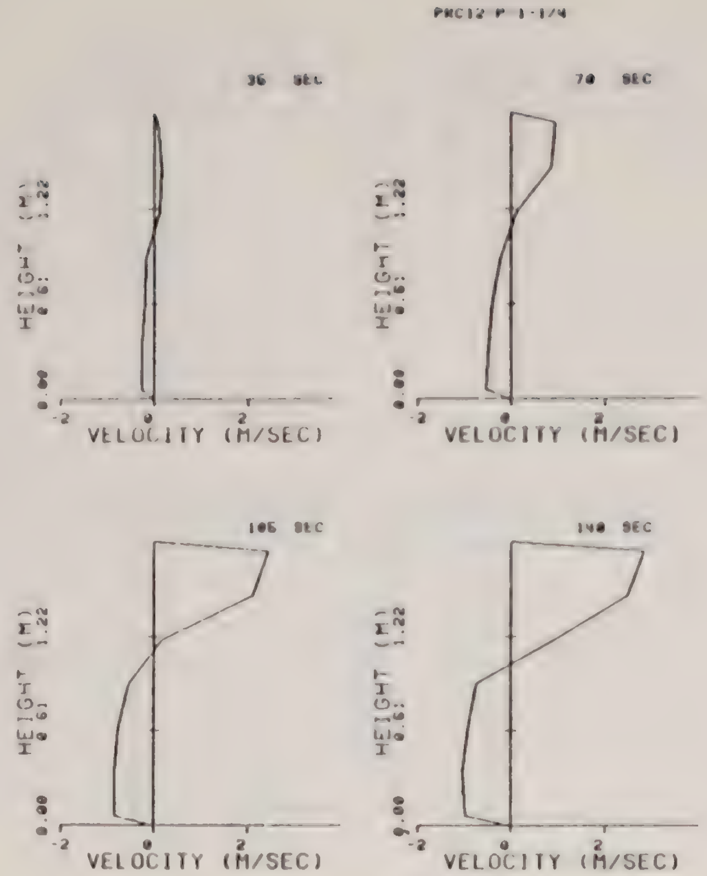
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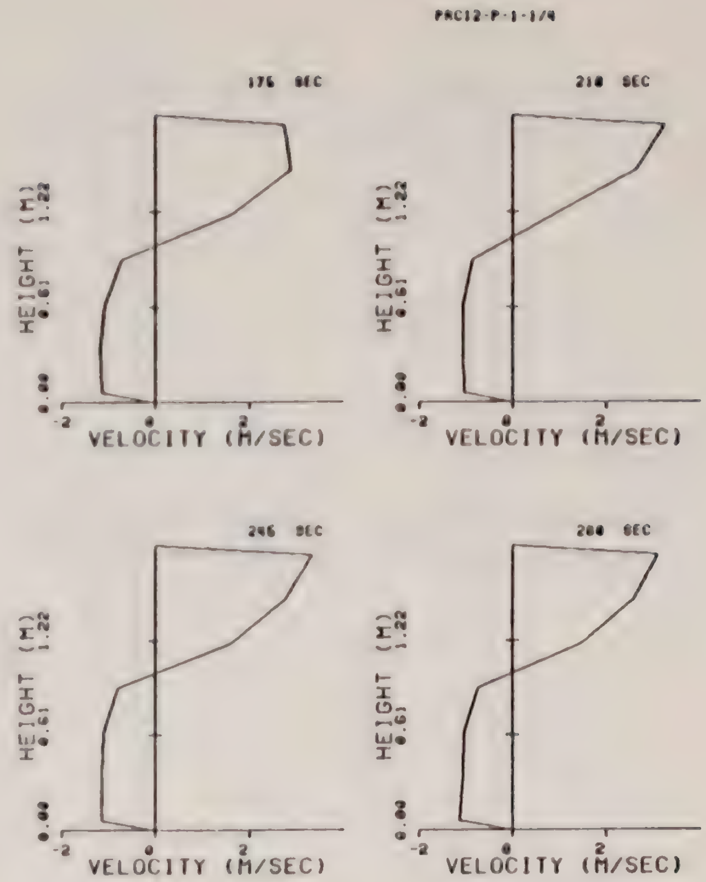
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VELOCITY (M/SEC)
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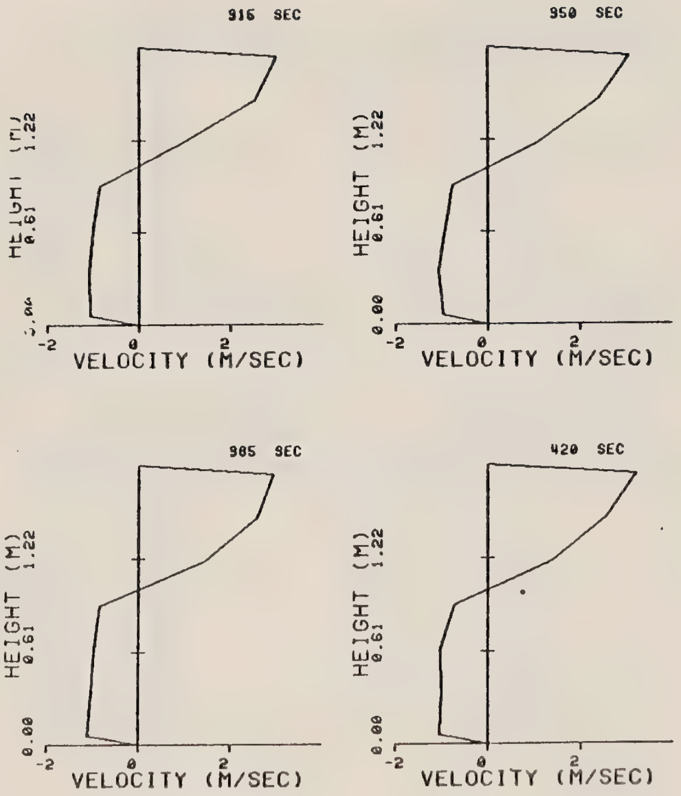
PRC12-P-1-1/4



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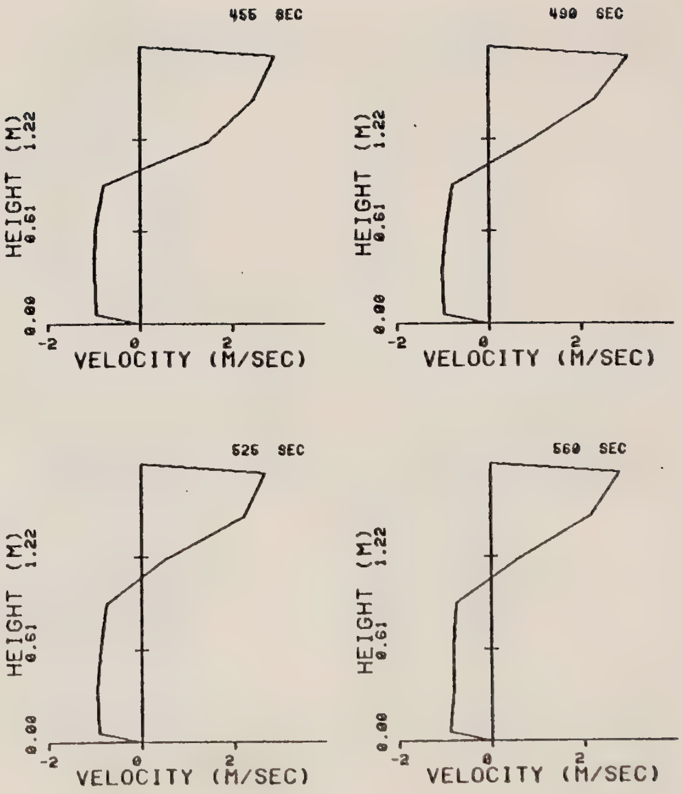
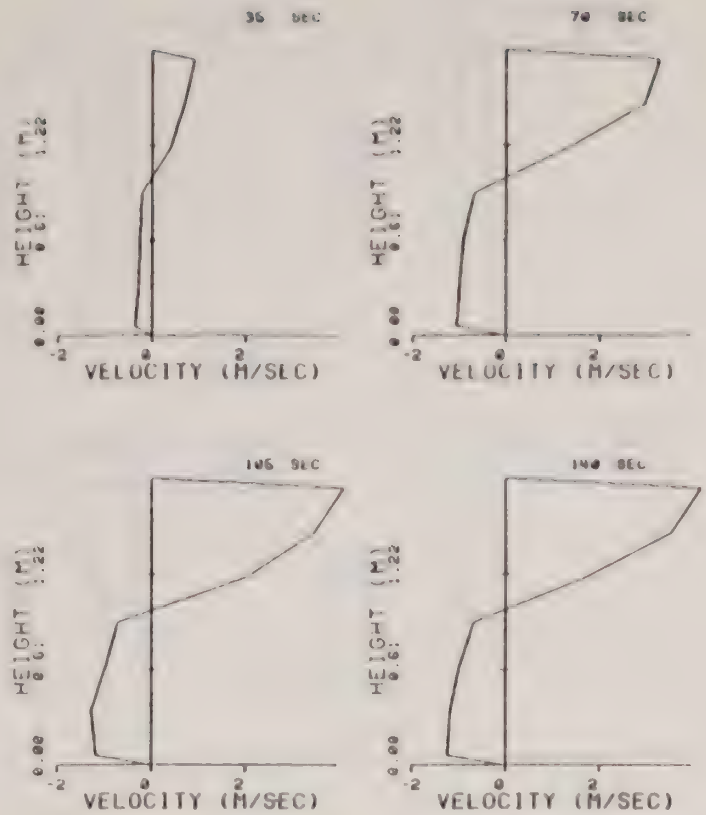


PRC14 P-2 1/4



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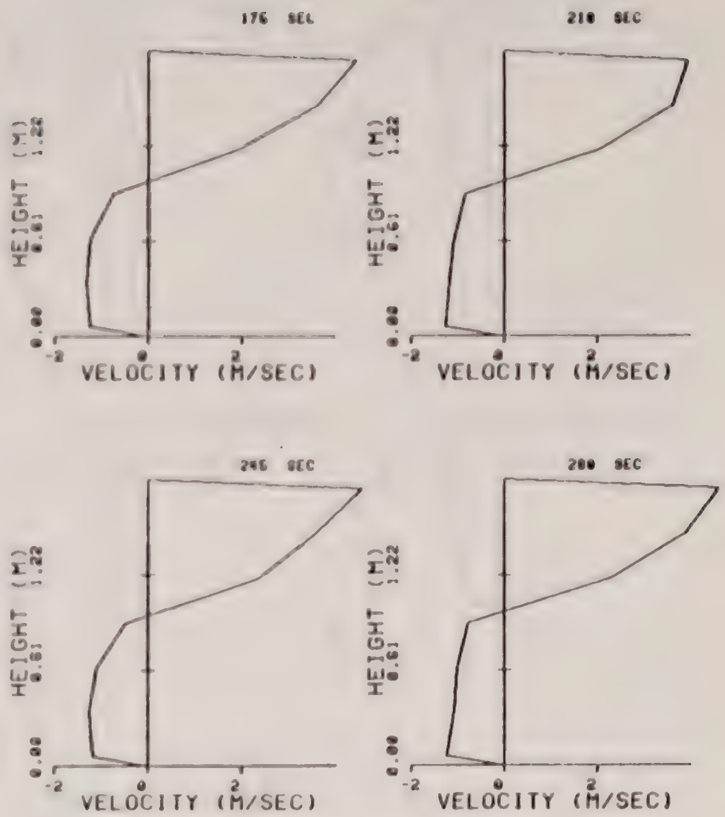
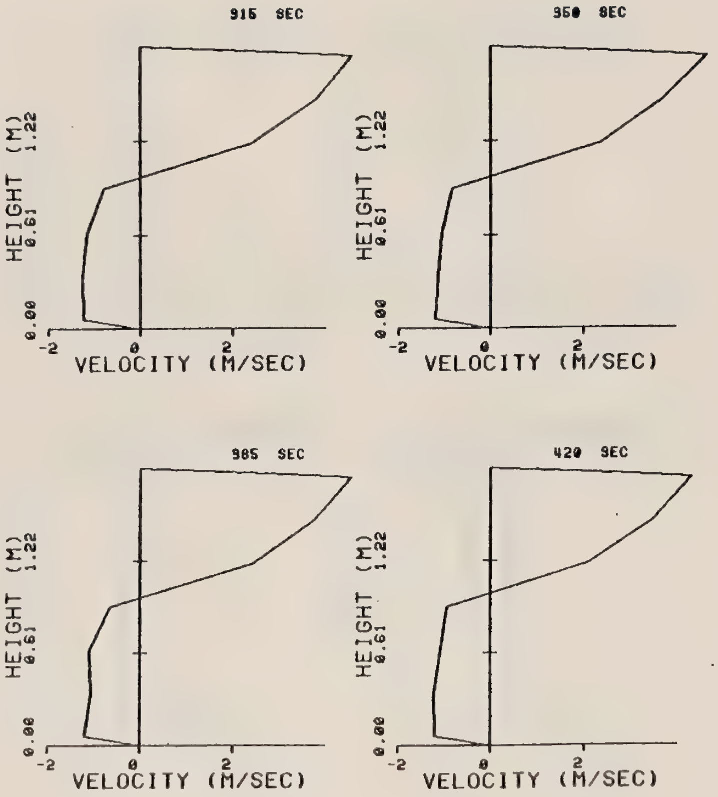


PRC14-P-2-1/4



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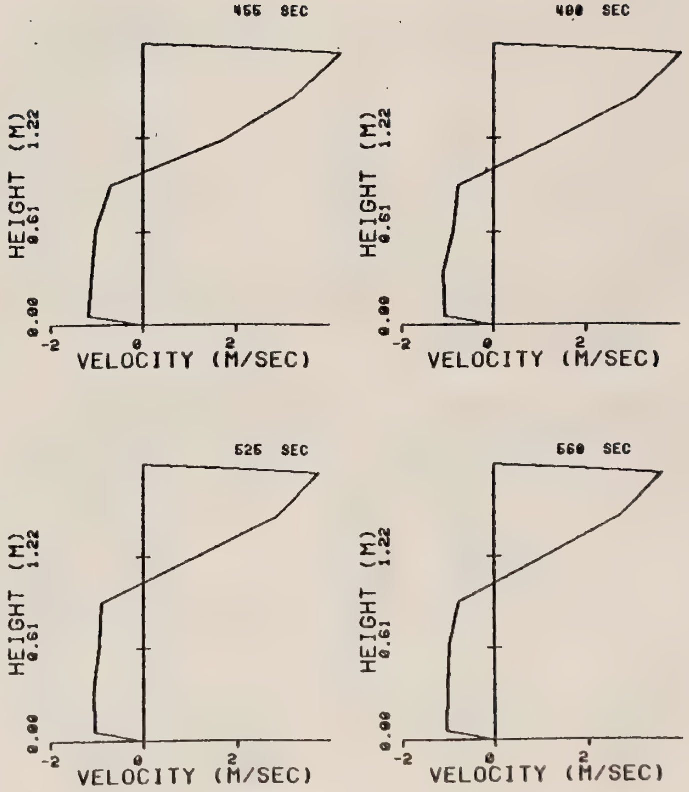
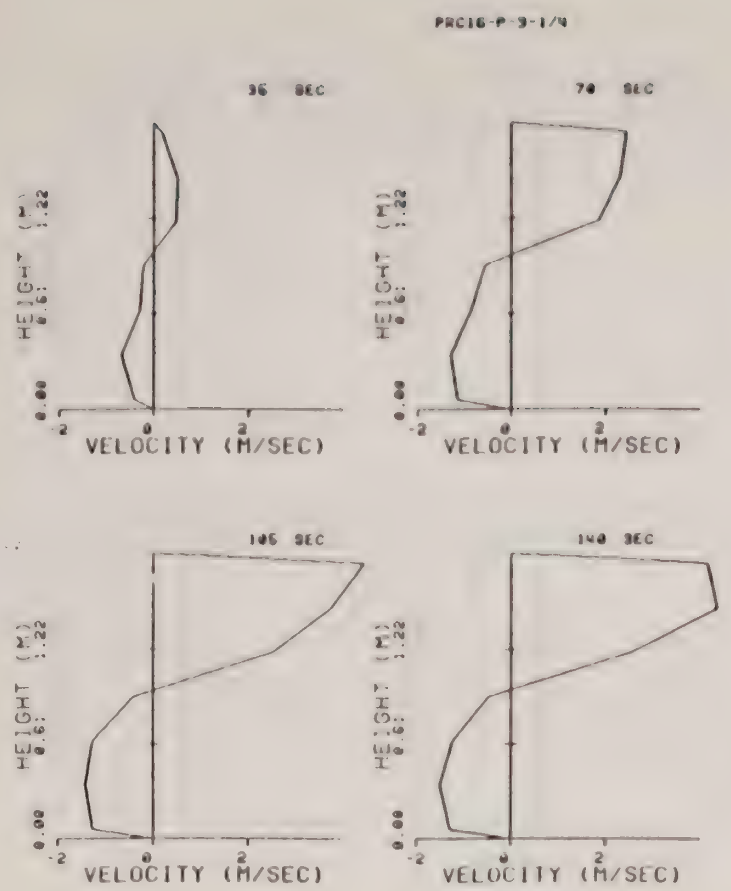
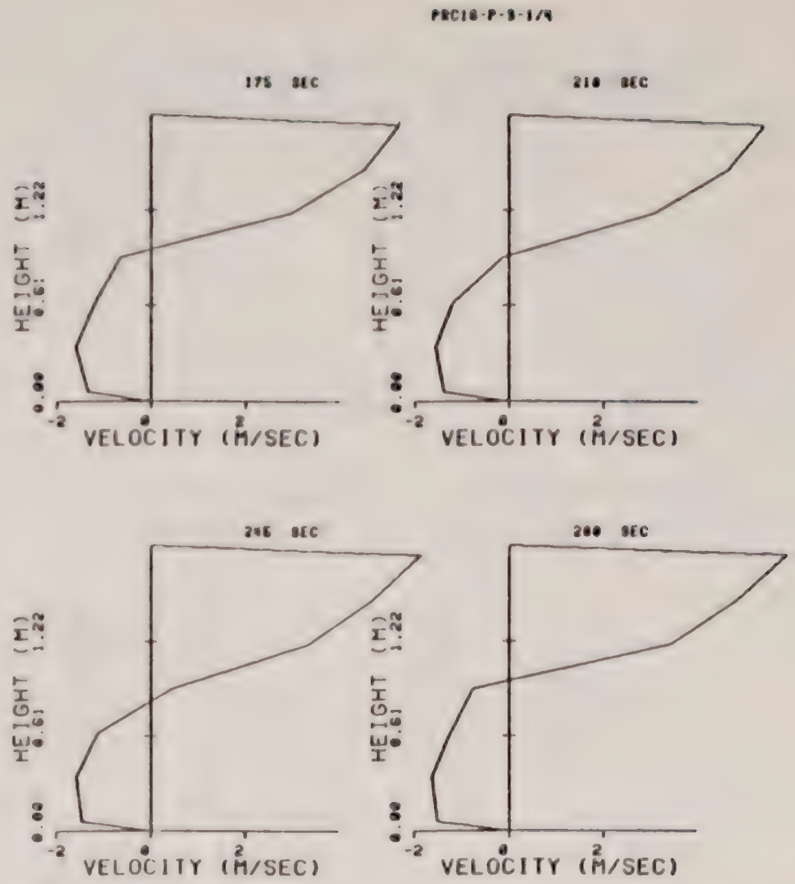
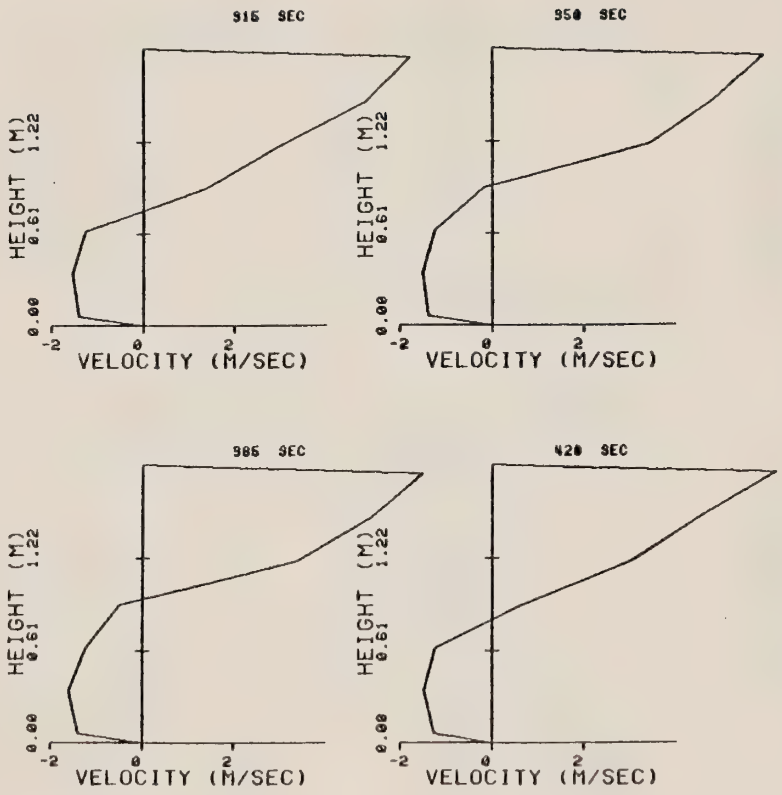



PRC16-P-3-1/4
35 SEC
70 SEC
105 SEC
140 SEC
HEIGHT (M)
0.00
0.61
1.22
VELOCITY (M/SEC)
-2
0
2


PRC16-P-3-1/4
175 SEC
210 SEC
245 SEC
280 SEC
HEIGHT (M)
0.00
0.61
1.22
VELOCITY (M/SEC)
-2
0
2

PRC16-P-3-1/4



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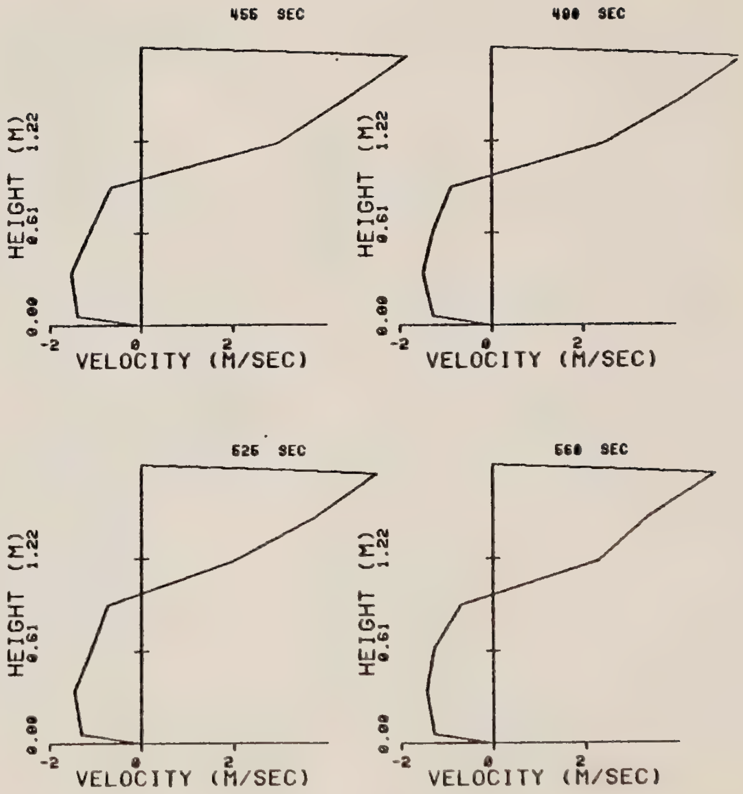
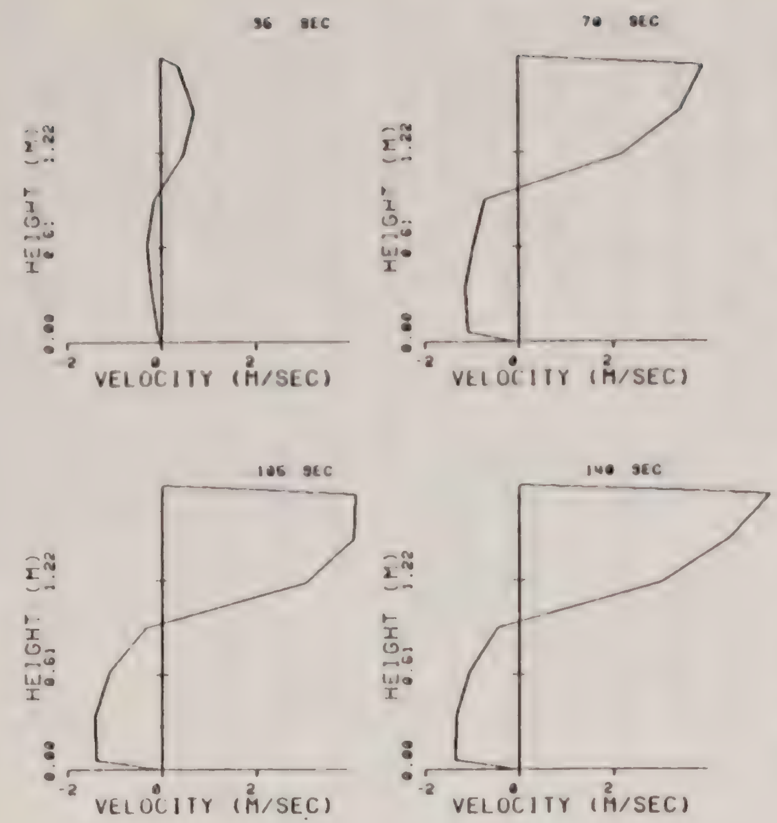
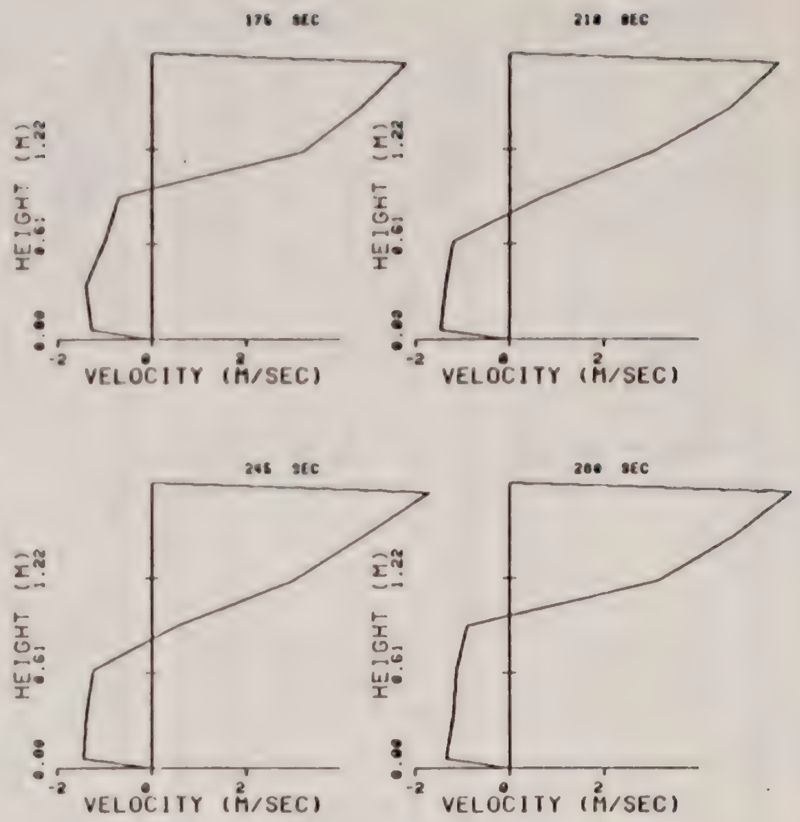


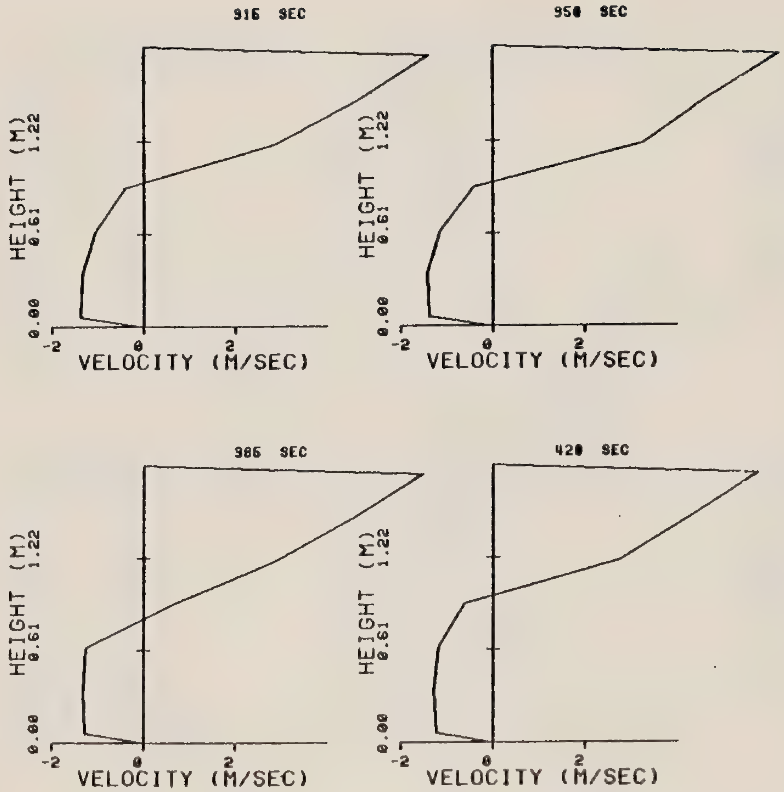
PRC20-P-3-1/4



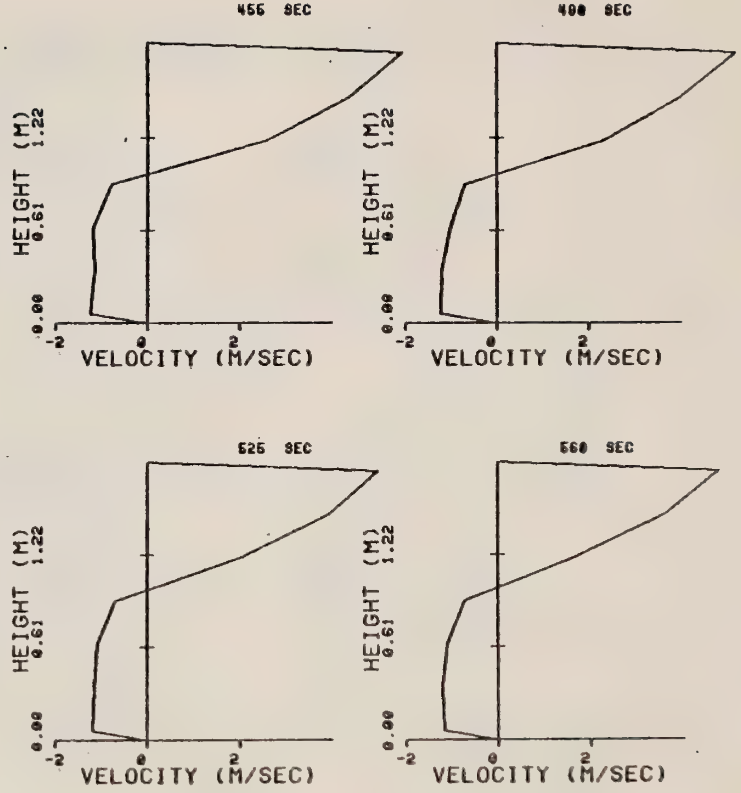
PRC20-P-3-1/4



PRC20-P-3-1/4



PRC20-P-3-1/4

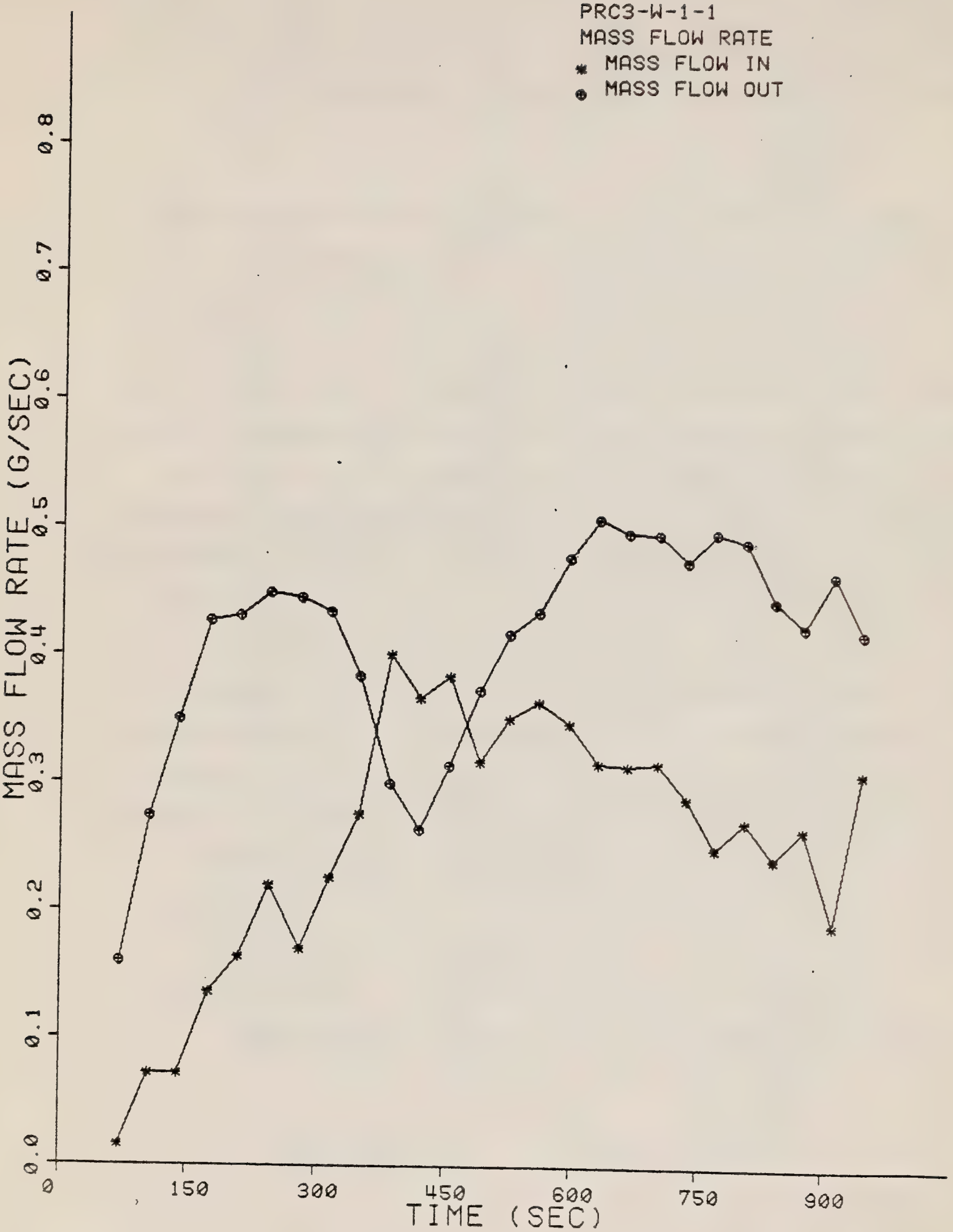


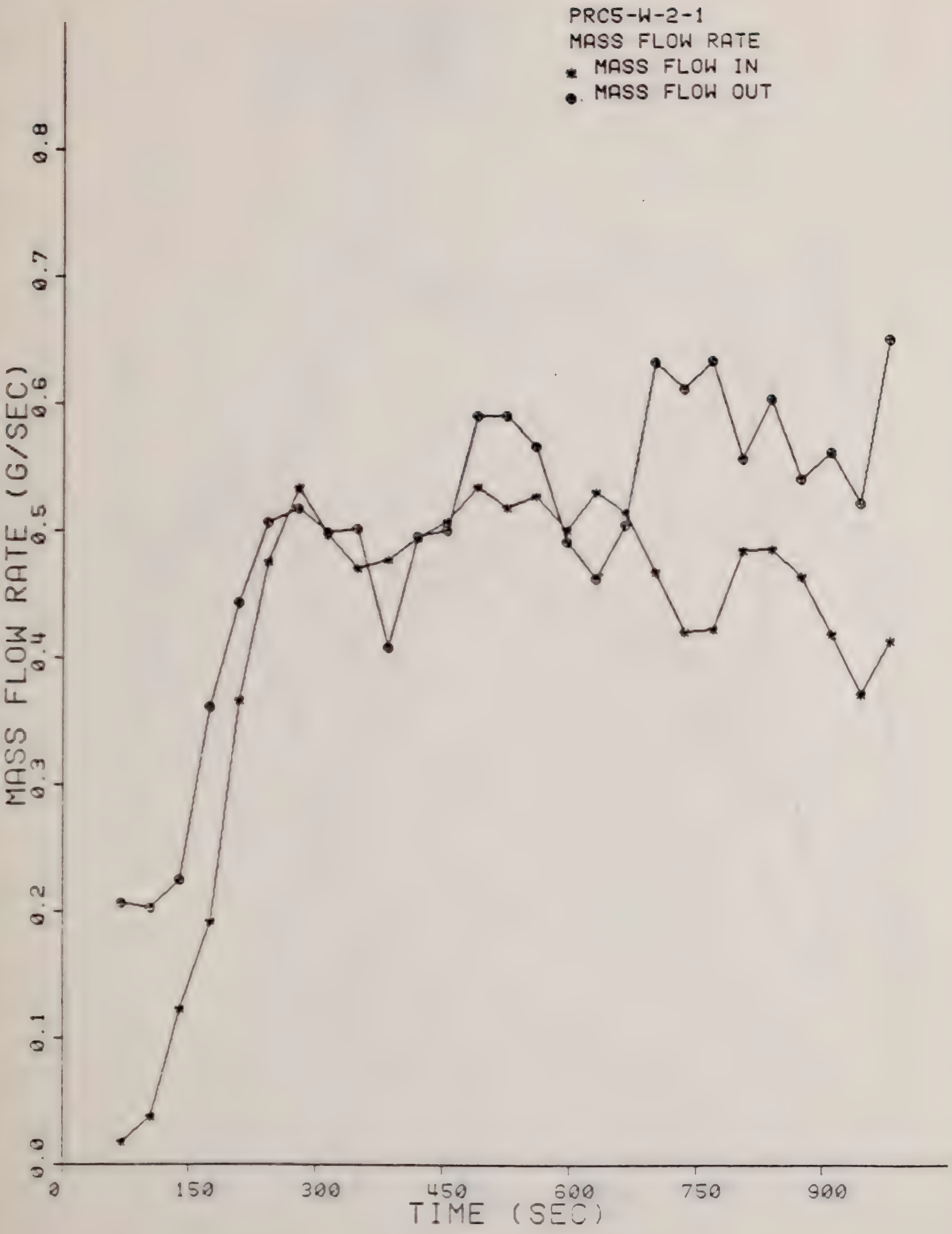
8. DOORWAY MASS FLOW RATE

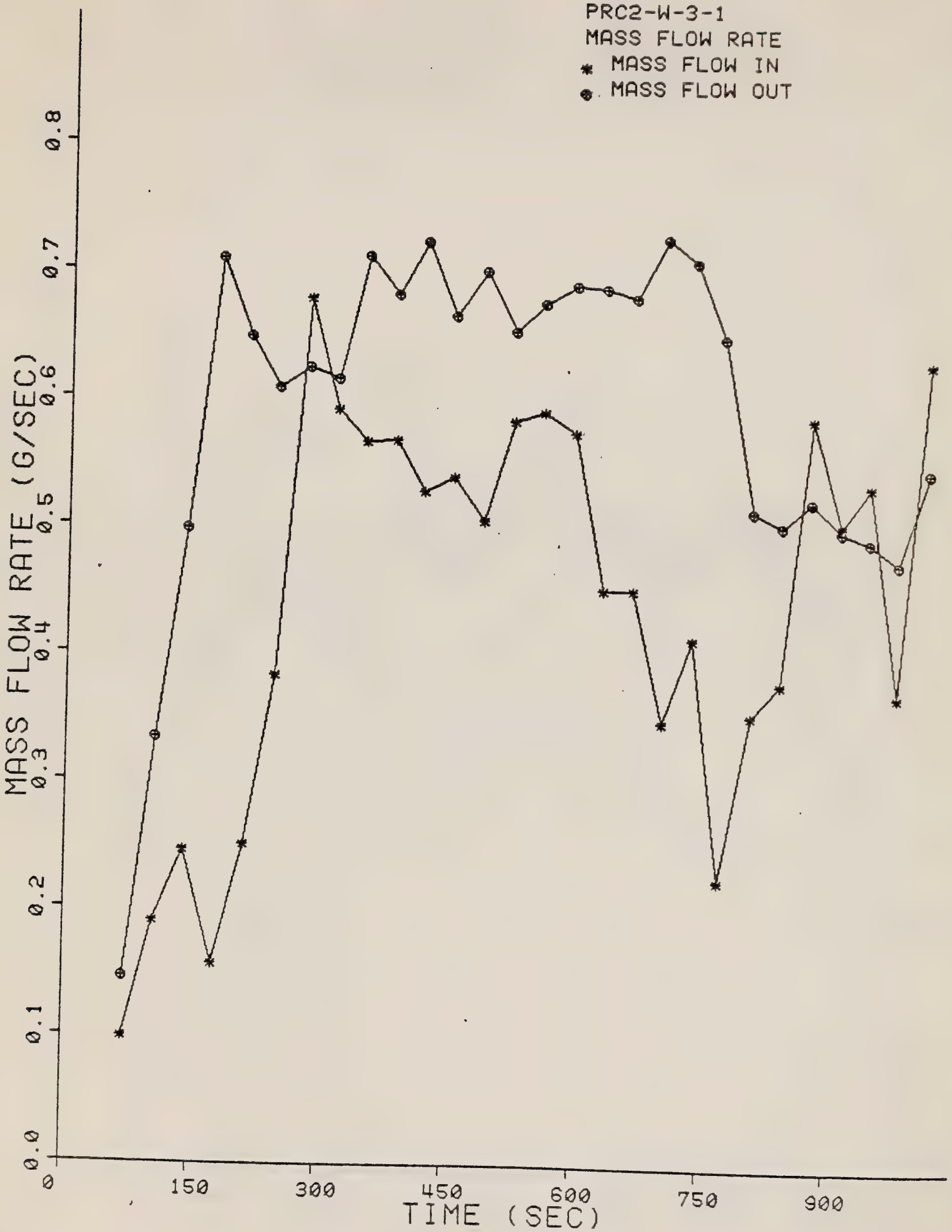
The mass flow rate of combustion products out of the room and airflow into the room was calculated from the velocity and density (temperature) measurements at the centerline of the doorway. The equation is

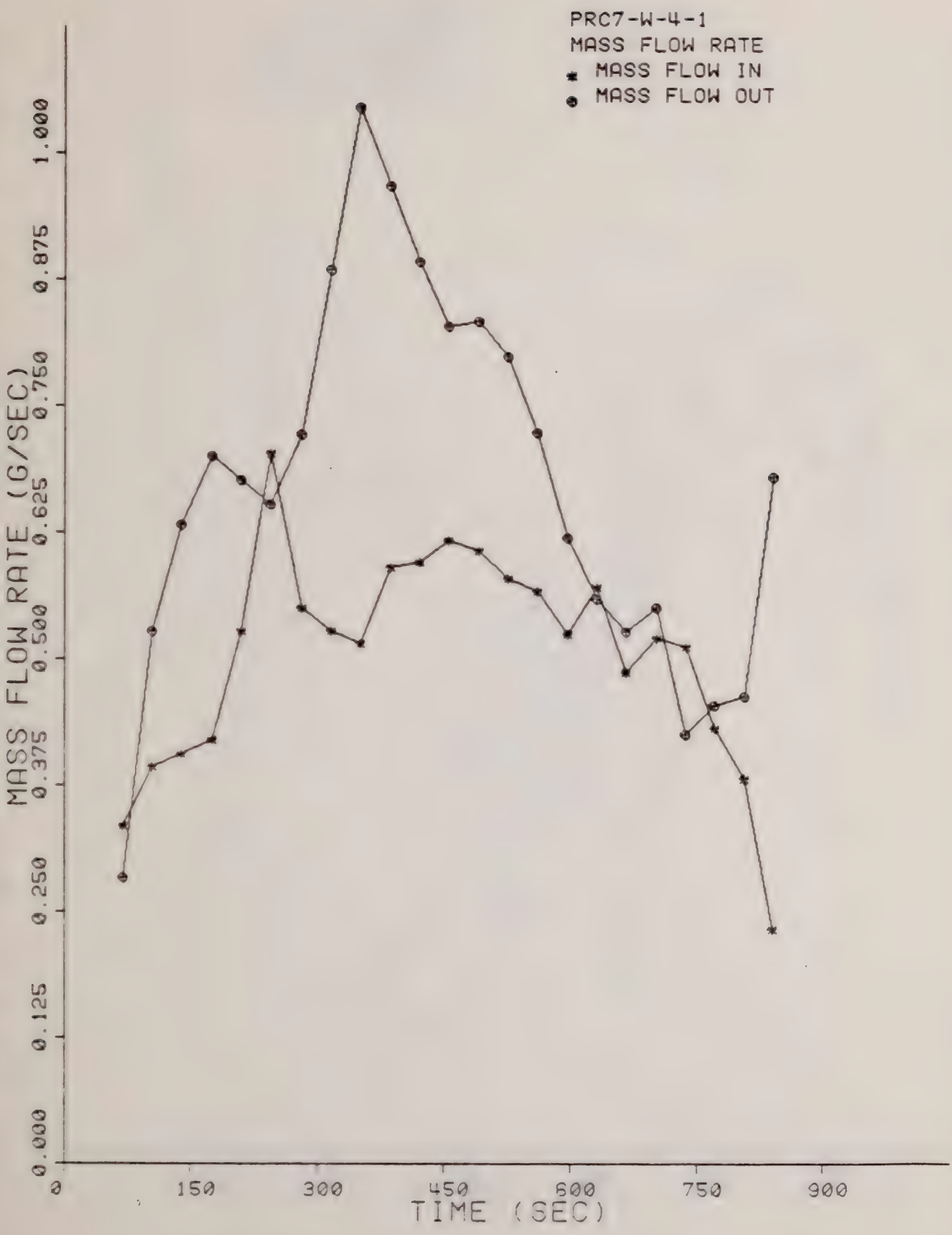
$$\dot{m} = W_o \int \rho_a T_a (V/T)\, dy$$

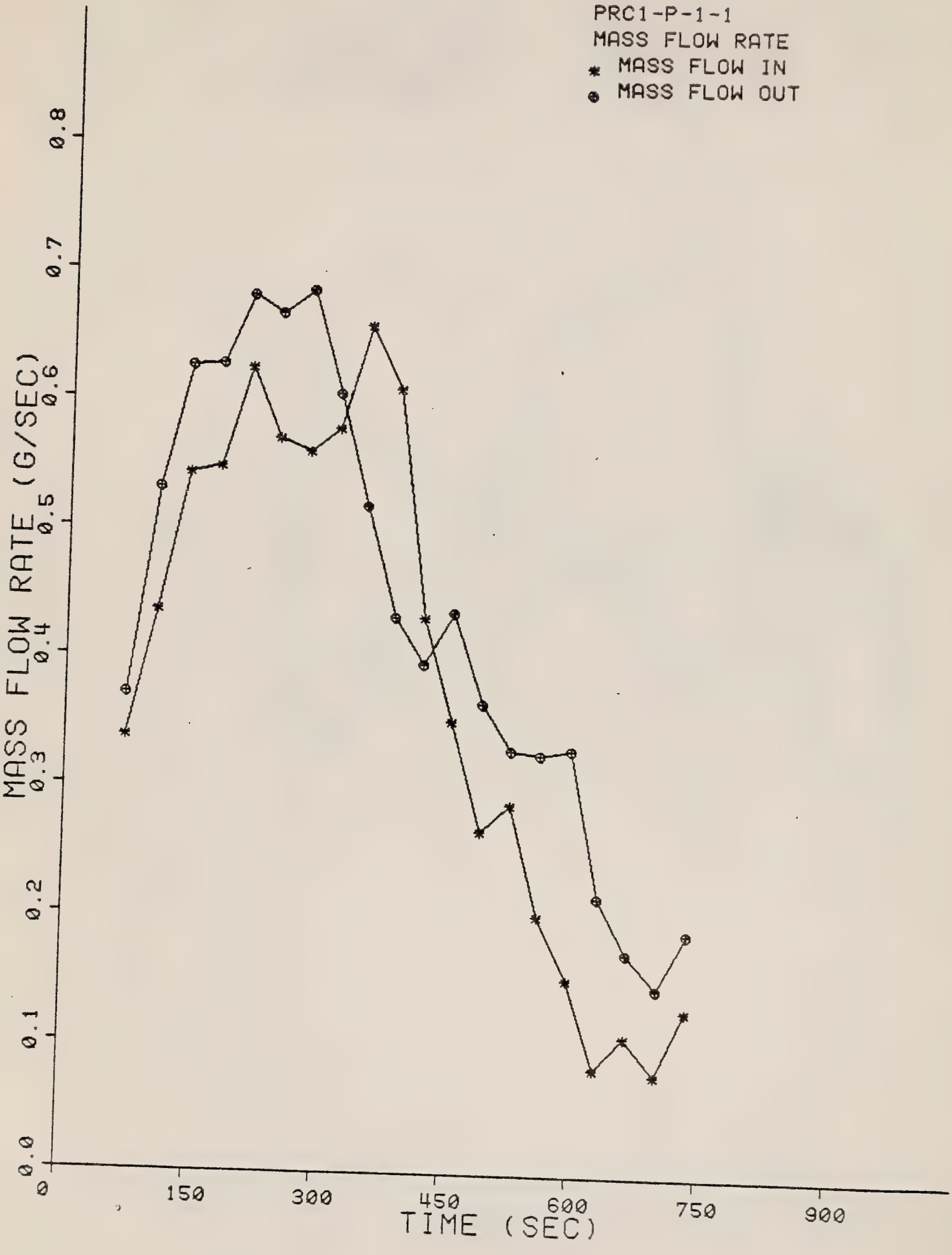
where the velocity and temperature was assumed invariant over the doorway width. The perfect gas state equation for air was used where ρ_a T_a are reference values of density and temperature. The integral was taken over the bottom (or top) of the doorway to the neutral plane and the integral was evaluated by a trapezodial formula. The position of the neutral plane was found by linear extrapolation of the velocity data at the flow reversal point in the doorway. It should be realized that our data acquisition limitations led to a complete vertical velocity traverse every 35 seconds. Hence, the integral was evaluated every 35 seconds. Because of the inherent fluctuation of the velocity due to turbulence, and the transient changes due to fire growth and decay, a "smoothing" process was applied to this calculation. For all experiments the data results presented represent a running three-point average of the mass flow rate over 35-second intervals. The average was assigned to the mid-point. Also, for each run following PRC 8, the pressure signal from each transducer was electronically averaged, and this result was recorded every 35 seconds. The results of these calculations are shown in figures 8-1 through 8-20. The results appear much smoother following PRC 8 due to this electronic signal averaging process. The lack of mass balance in the results is a serious problem which could have been remedied by more comprehensive measurements.

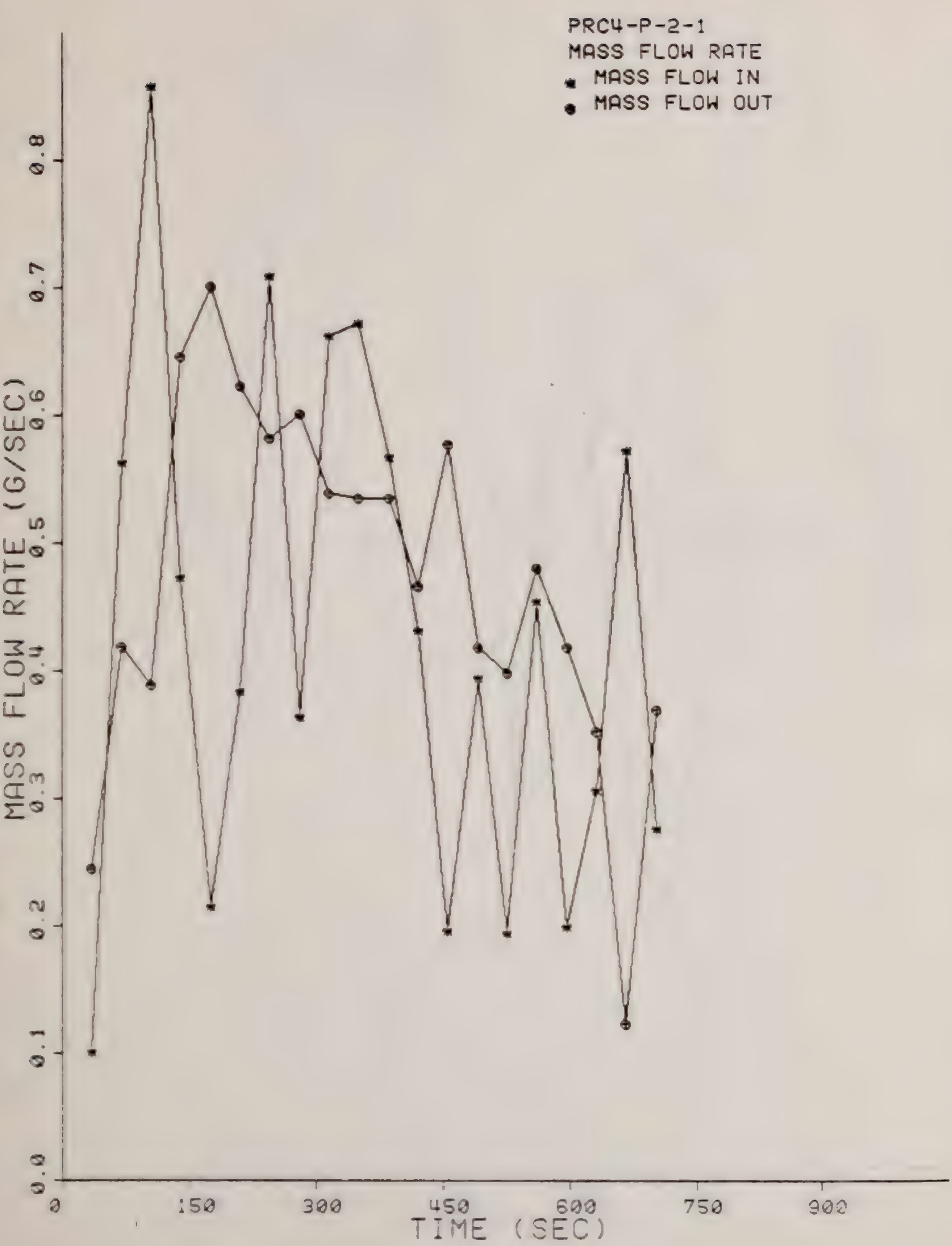

PRC3-W-1-1
MASS FLOW RATE
* MASS FLOW IN
⊕ MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
TIME (SEC)
0
150
300
450
600
750
900

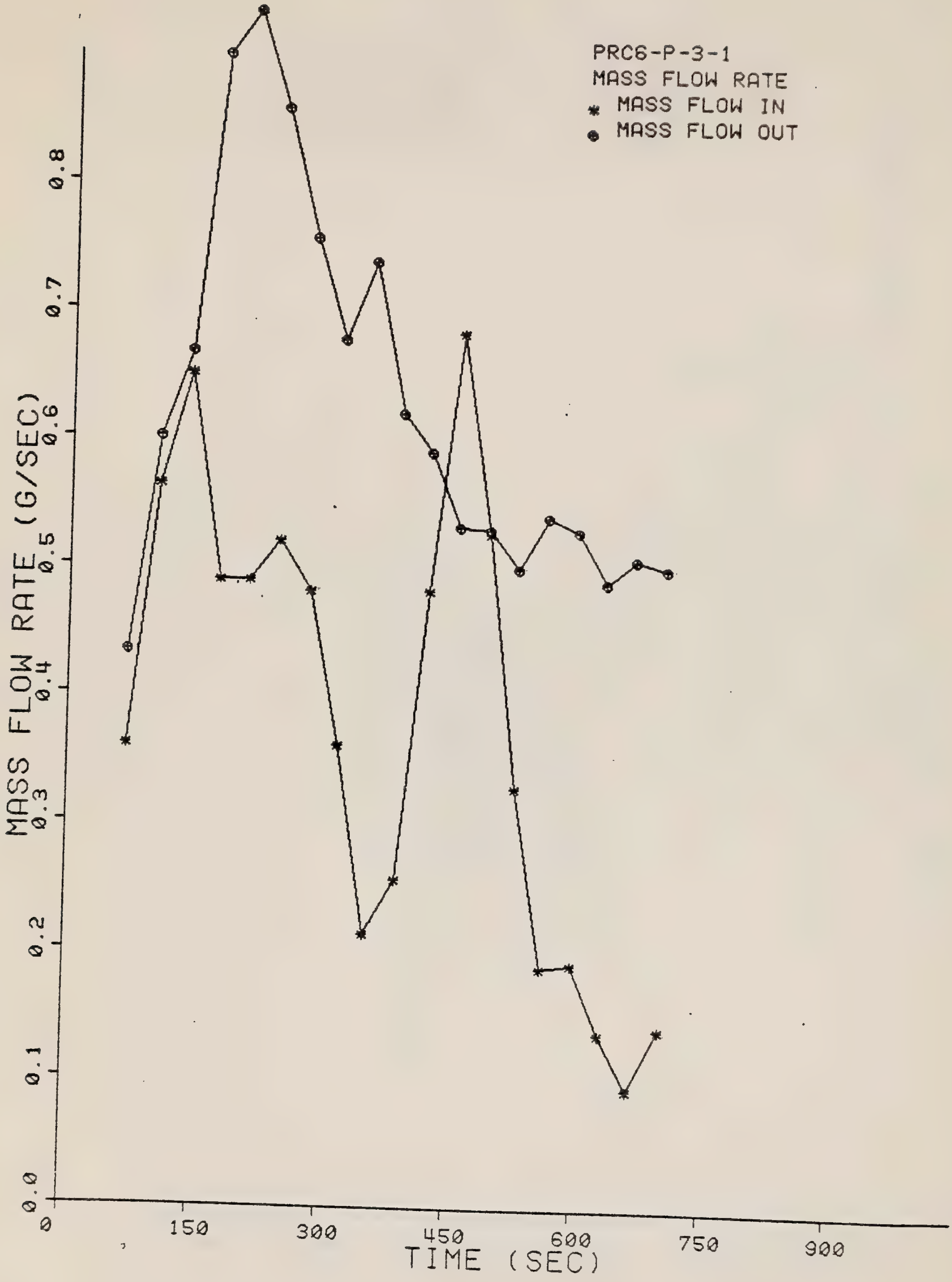

PRC5-W-2-1
MASS FLOW RATE
* MASS FLOW IN
● MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0
150
300
450
600
750
900
TIME (SEC)

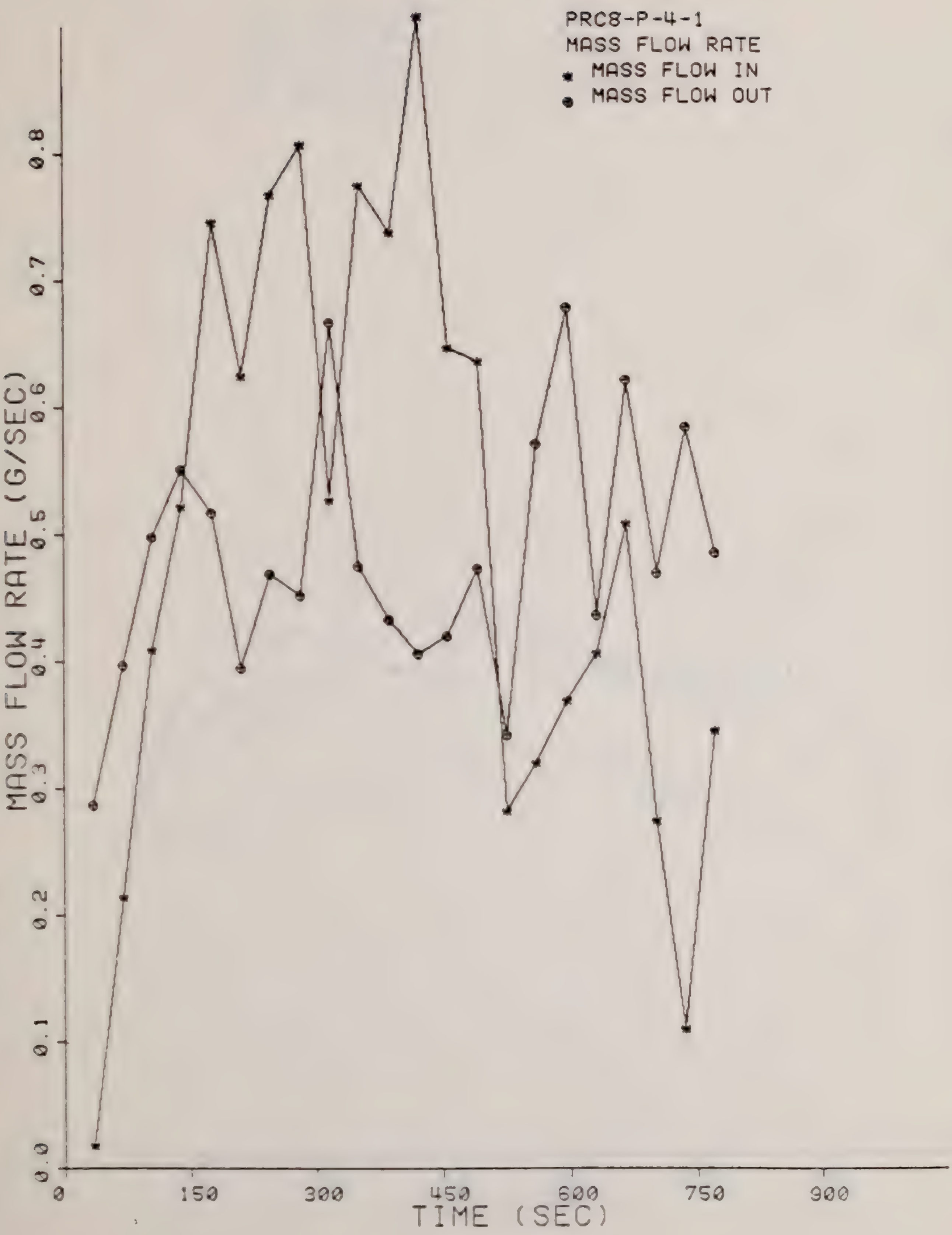

PRC2-W-3-1
MASS FLOW RATE
MASS FLOW IN
MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
TIME (SEC)
0
150
300
450
600
750
900

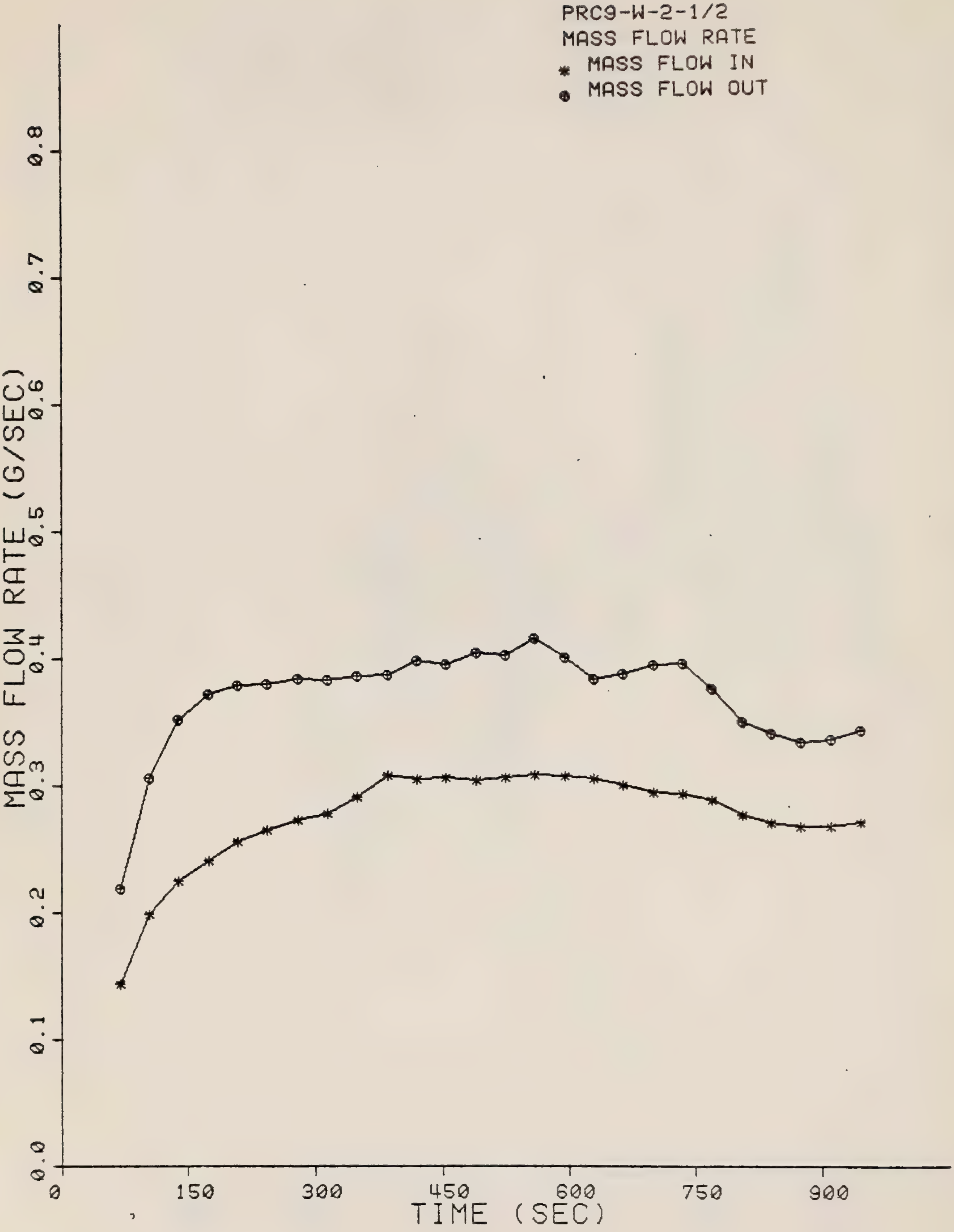

PRC7-W-4-1
MASS FLOW RATE
* MASS FLOW IN
● MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.000
0.125
0.250
0.375
0.500
0.625
0.750
0.875
1.000
TIME (SEC)
0
150
300
450
600
750
900

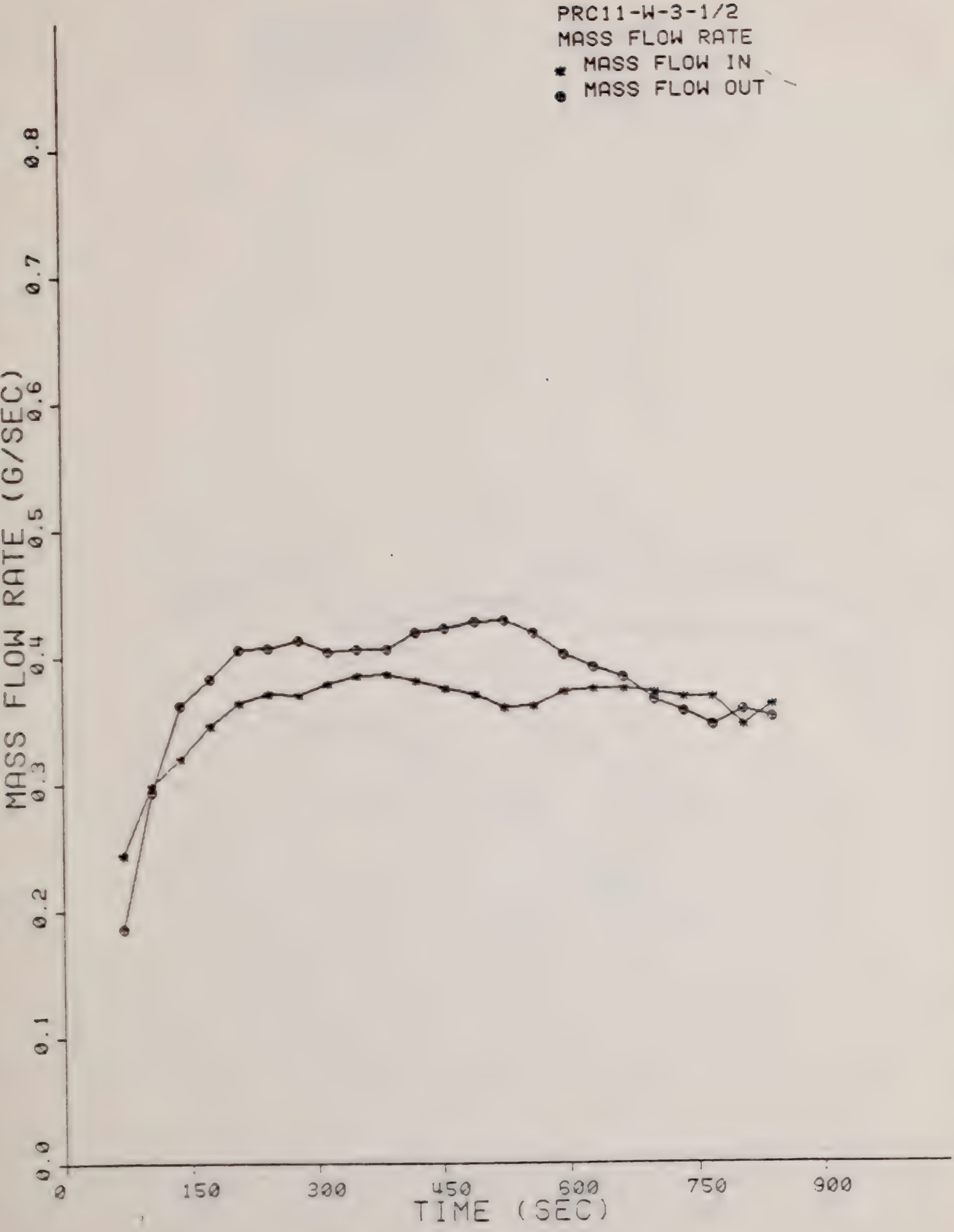

PRC1-P-1-1
MASS FLOW RATE
* MASS FLOW IN
⊕ MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
TIME (SEC)
0
150
300
450
600
750
900

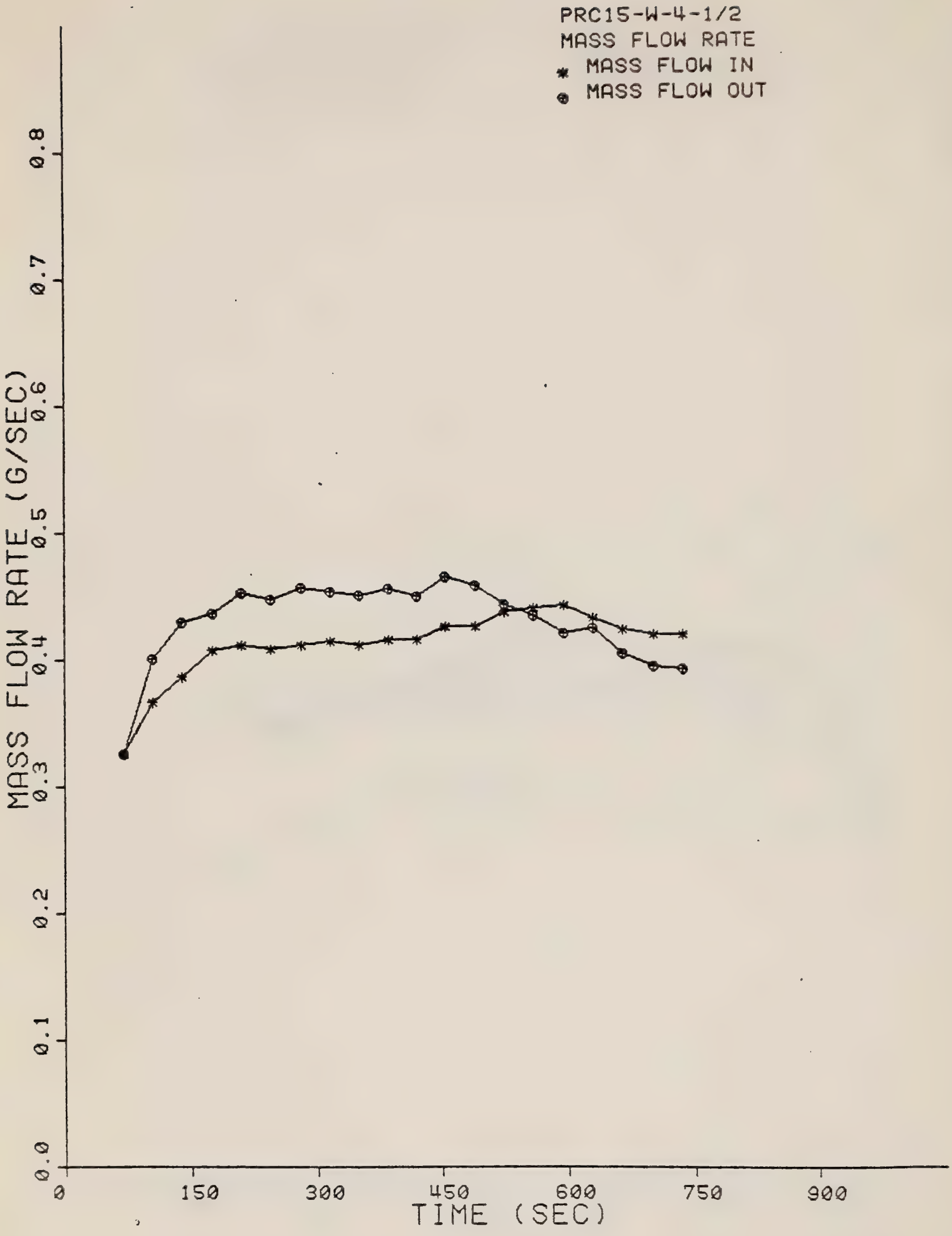

PRC4-P-2-1
MASS FLOW RATE
* MASS FLOW IN
● MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
TIME (SEC)
0
150
300
450
600
750
900

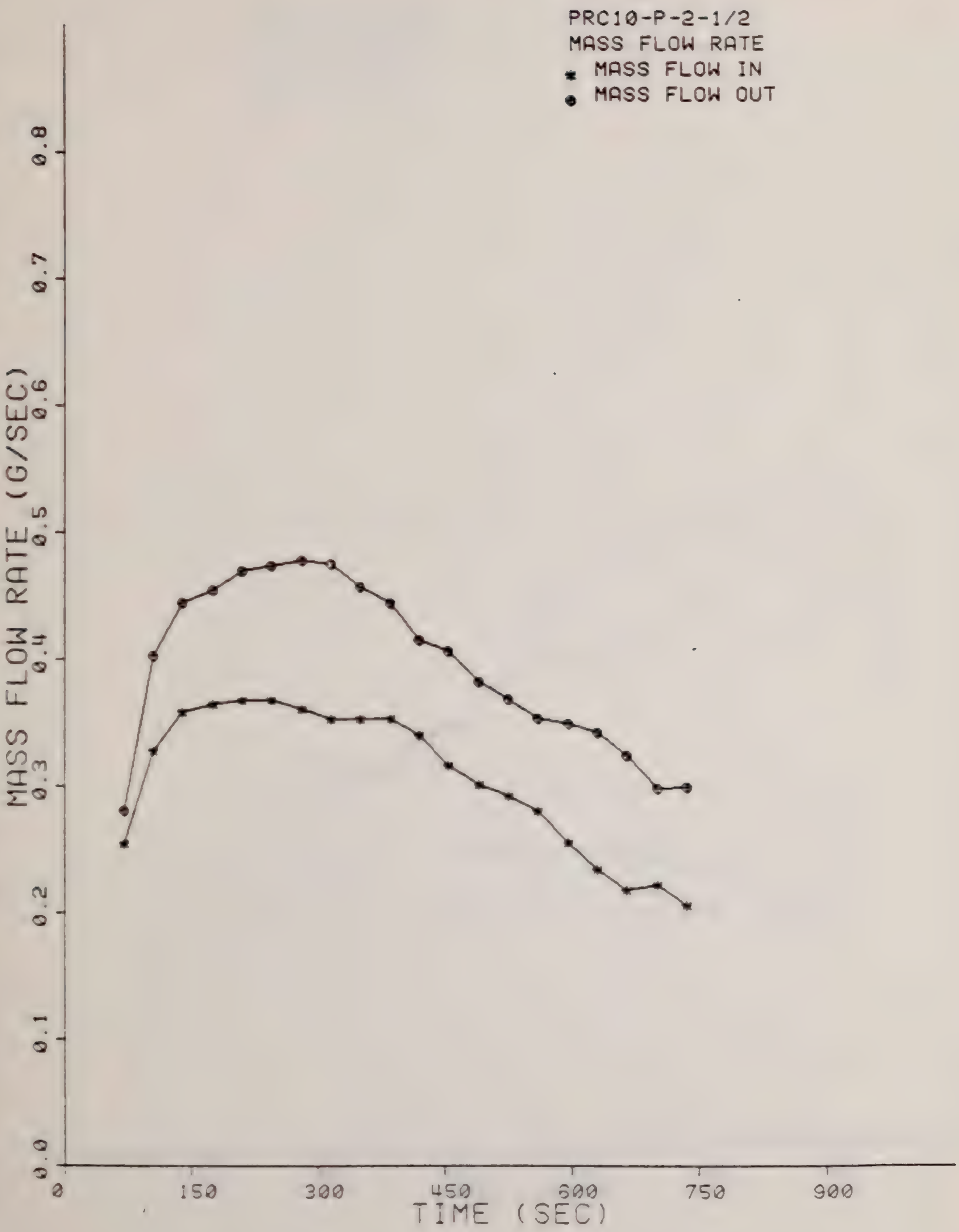

PRC6-P-3-1
MASS FLOW RATE
* MASS FLOW IN
⊕ MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
TIME (SEC)
0
150
300
450
600
750
900

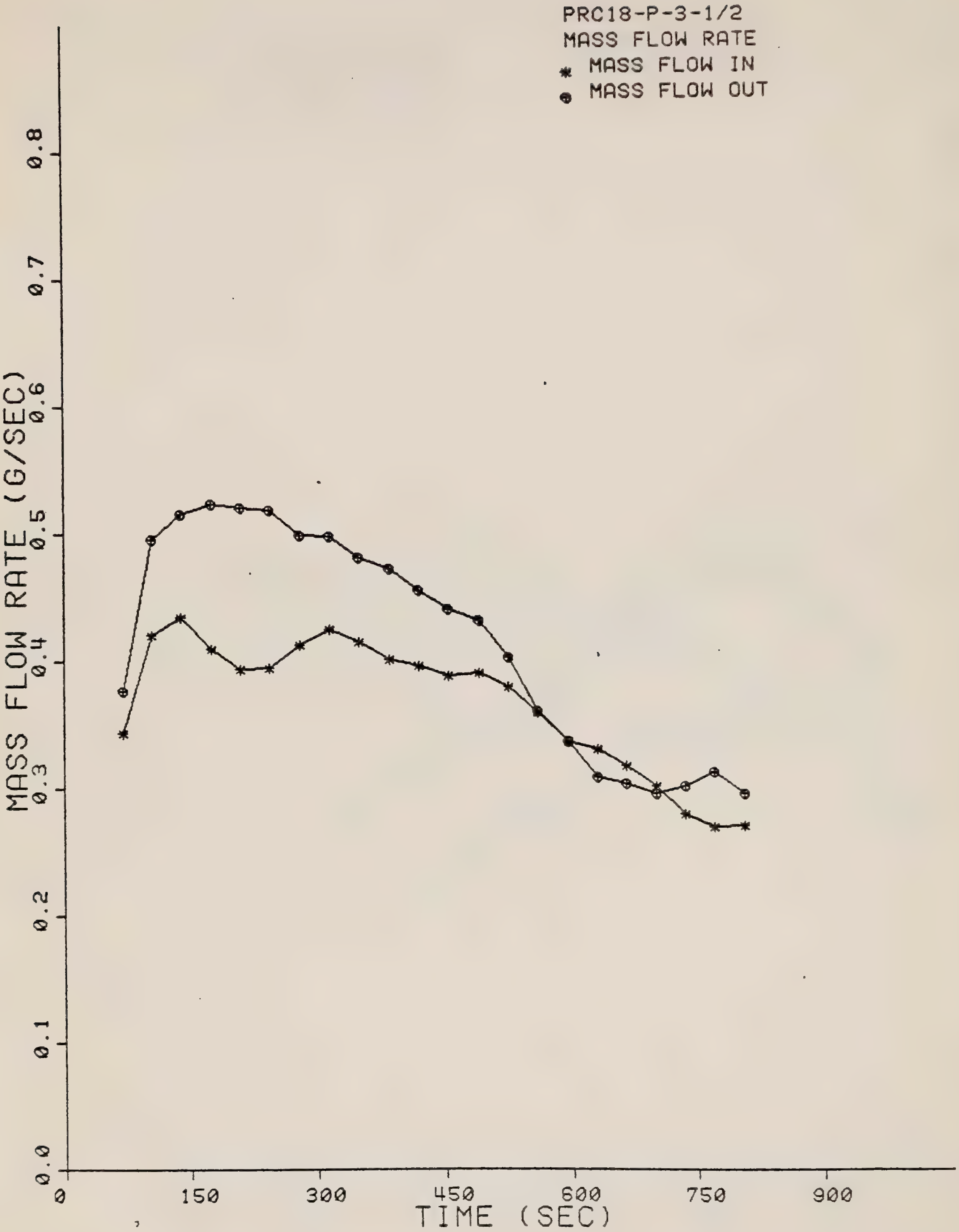

PRC8-P-4-1
MASS FLOW RATE
* MASS FLOW IN
● MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0
150
300
450
600
750
900
TIME (SEC)

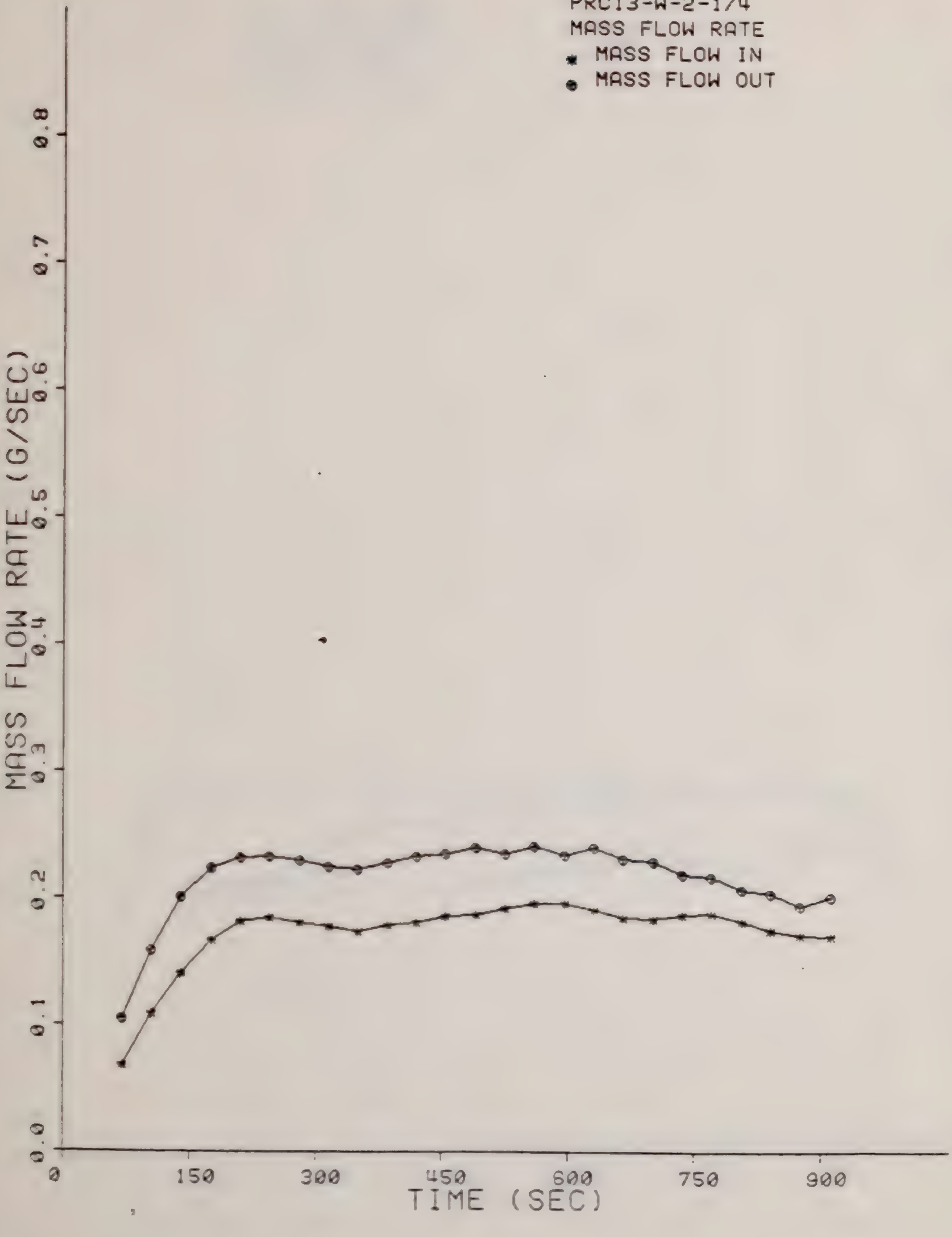

PRC9-W-2-1/2
MASS FLOW RATE
* MASS FLOW IN
⊕ MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0
150
300
450
600
750
900
TIME (SEC)

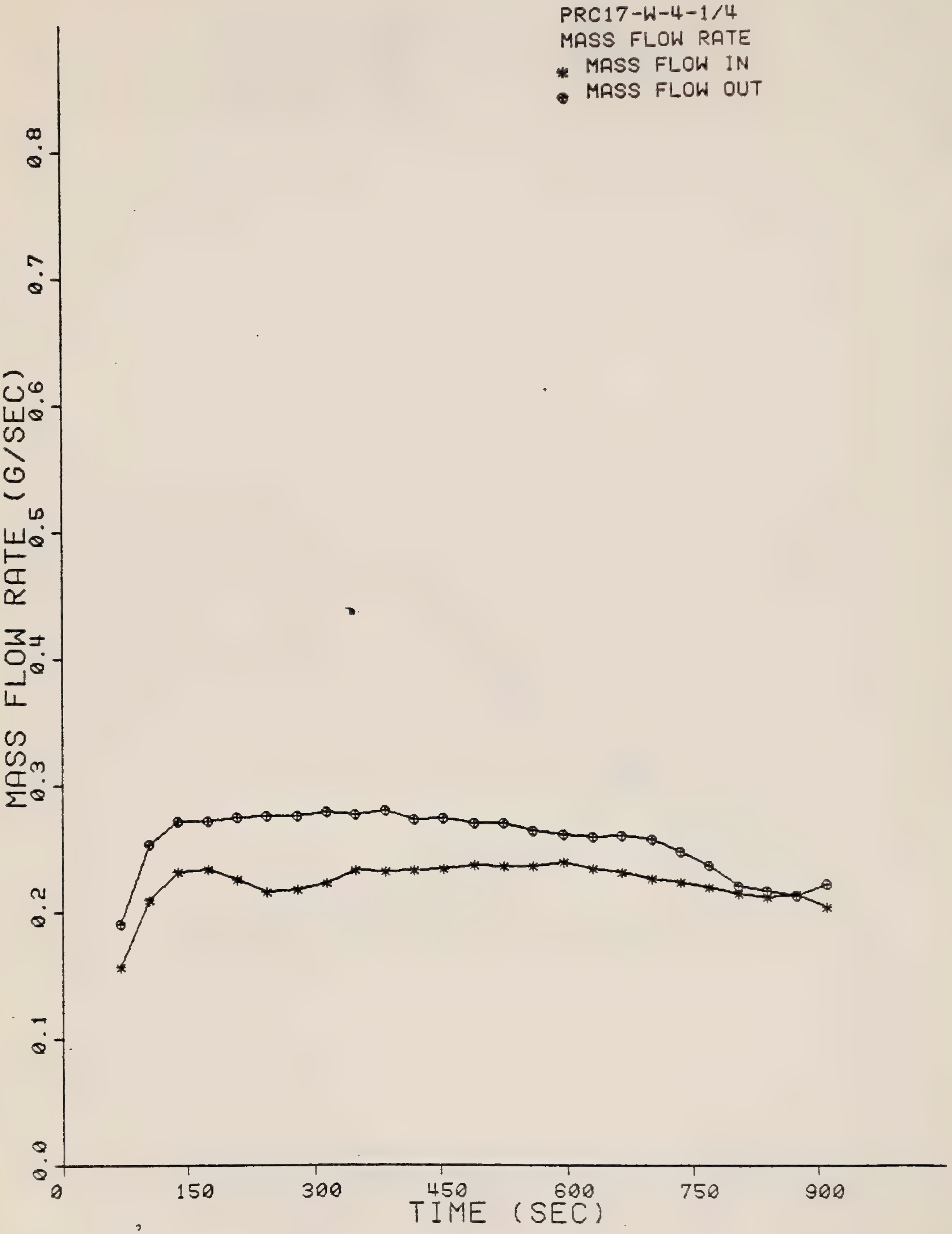

PRC11-W-3-1/2
MASS FLOW RATE
MASS FLOW IN
MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0
150
300
450
600
750
900
TIME (SEC)

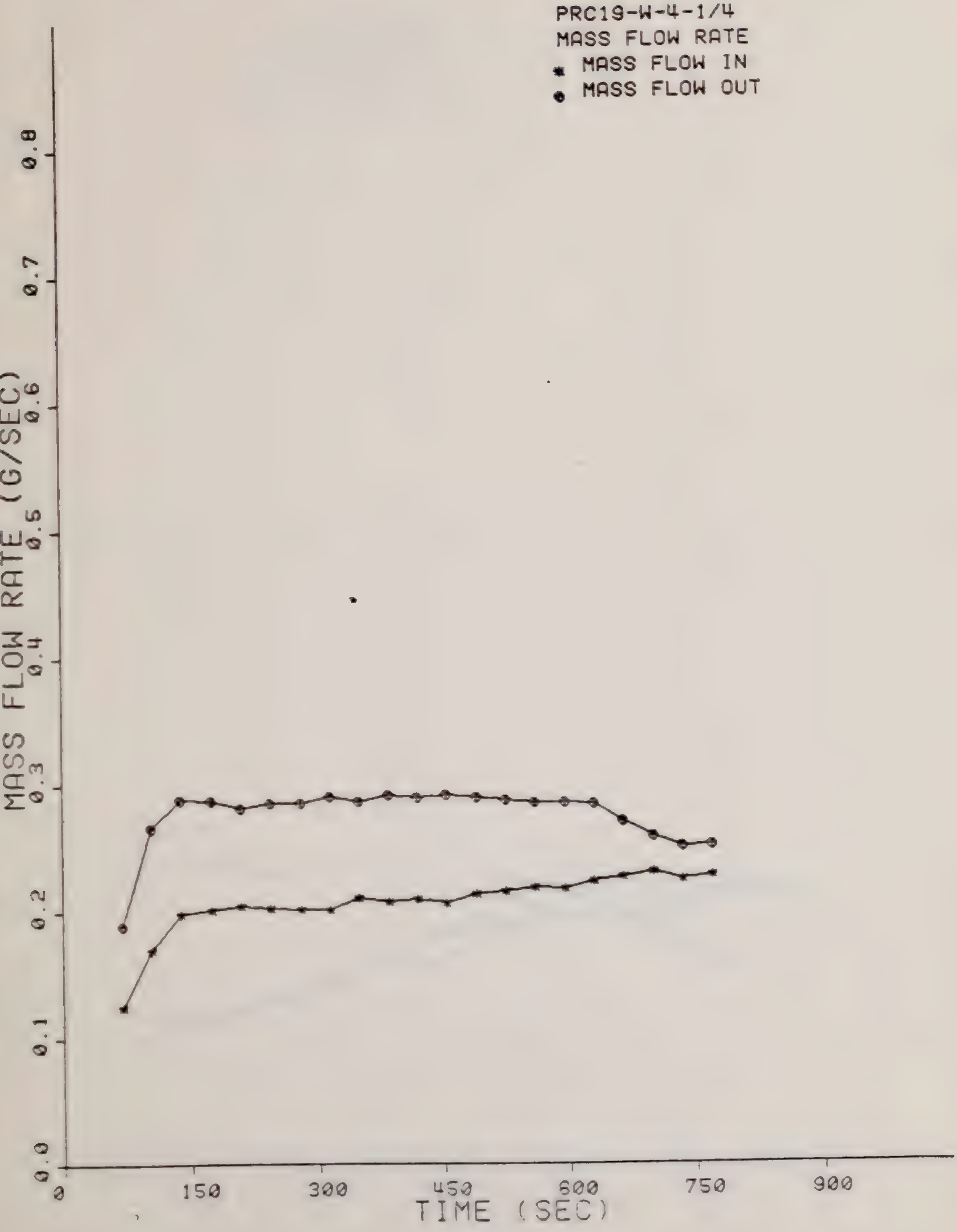

PRC15-W-4-1/2
MASS FLOW RATE
✱ MASS FLOW IN
⊕ MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0
150
300
450
600
750
900
TIME (SEC)

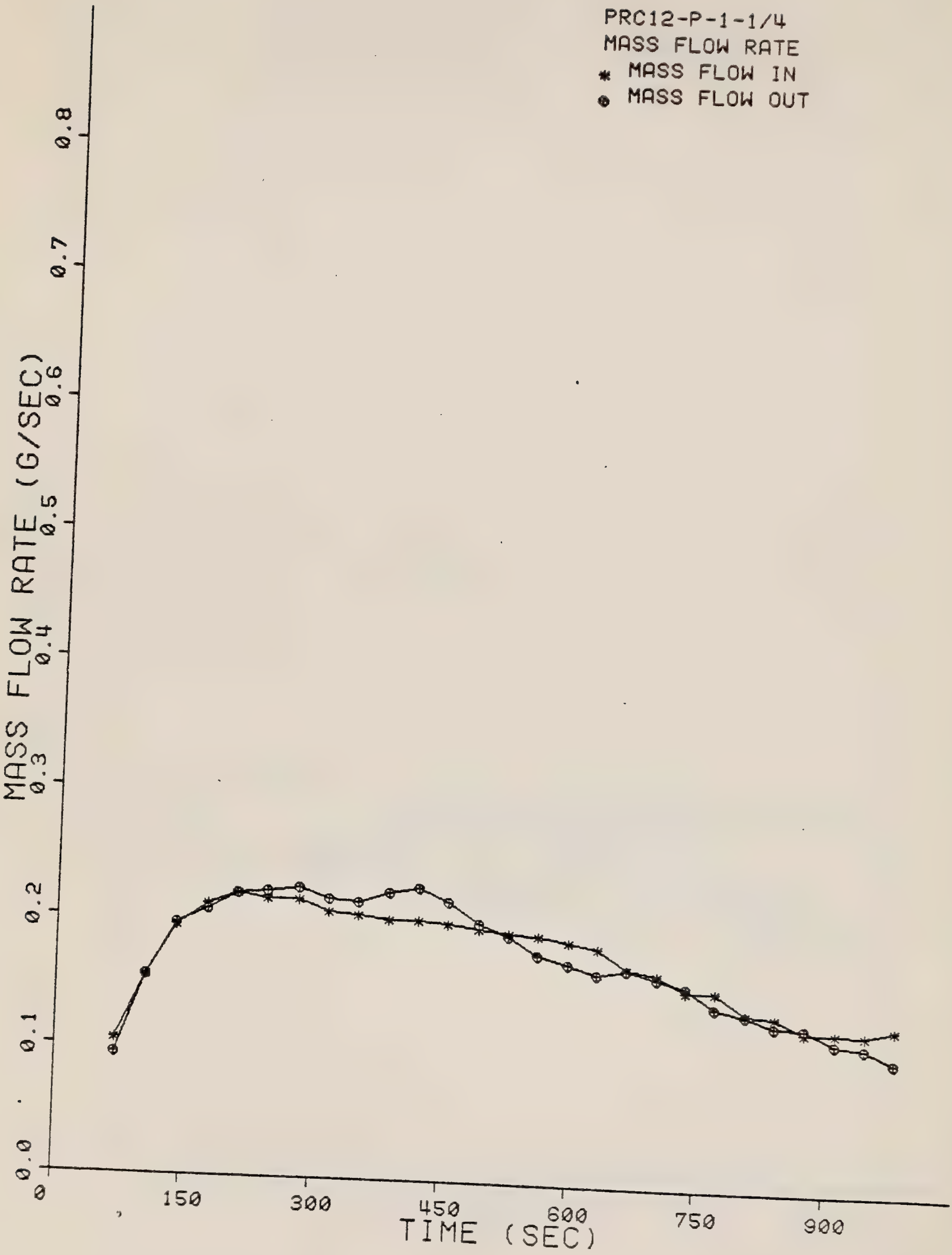

PRC10-P-2-1/2
MASS FLOW RATE
* MASS FLOW IN
● MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0
150
300
450
600
750
900
TIME (SEC)

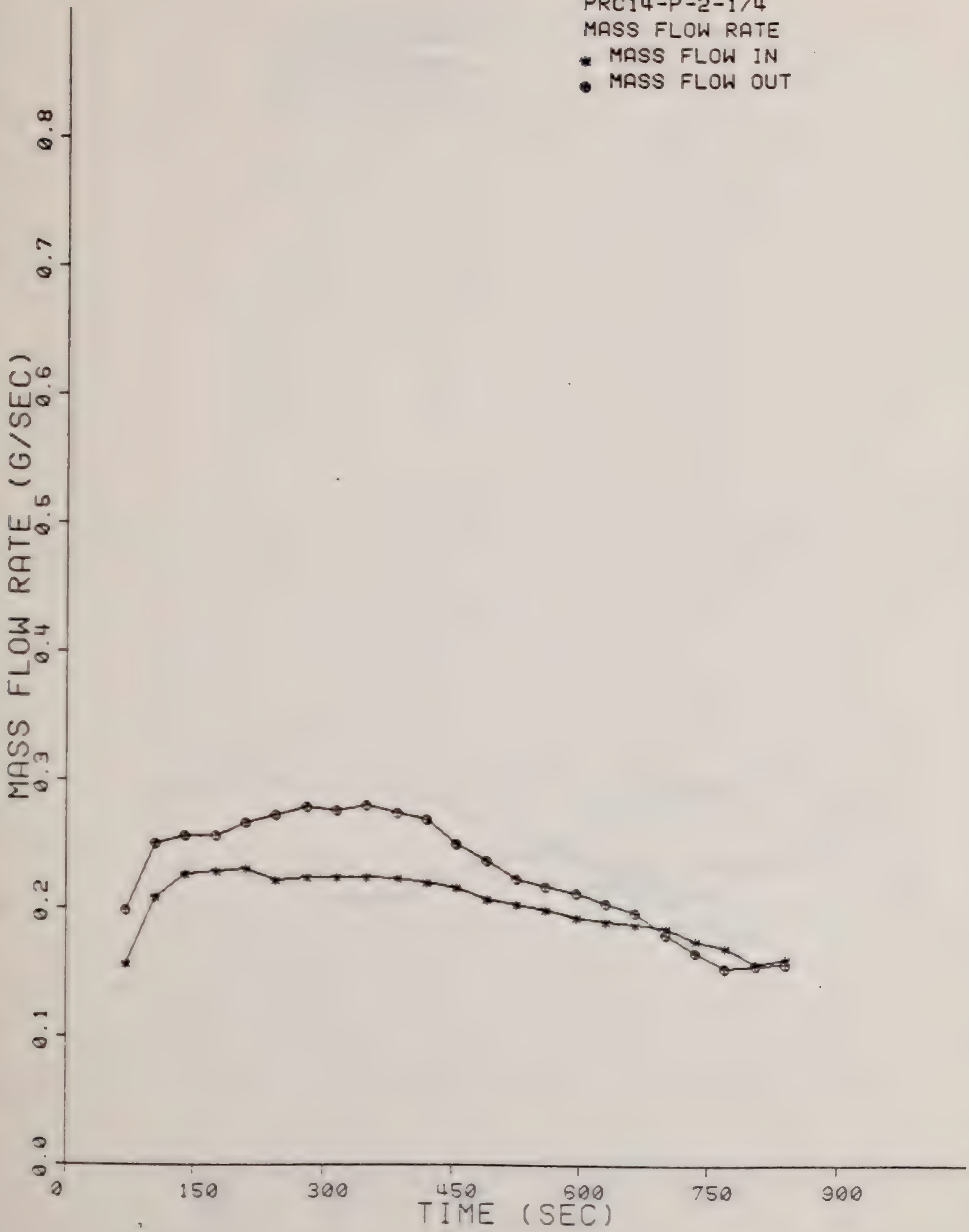

PRC18-P-3-1/2
MASS FLOW RATE
* MASS FLOW IN
⊕ MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0
150
300
450
600
750
900
TIME (SEC)

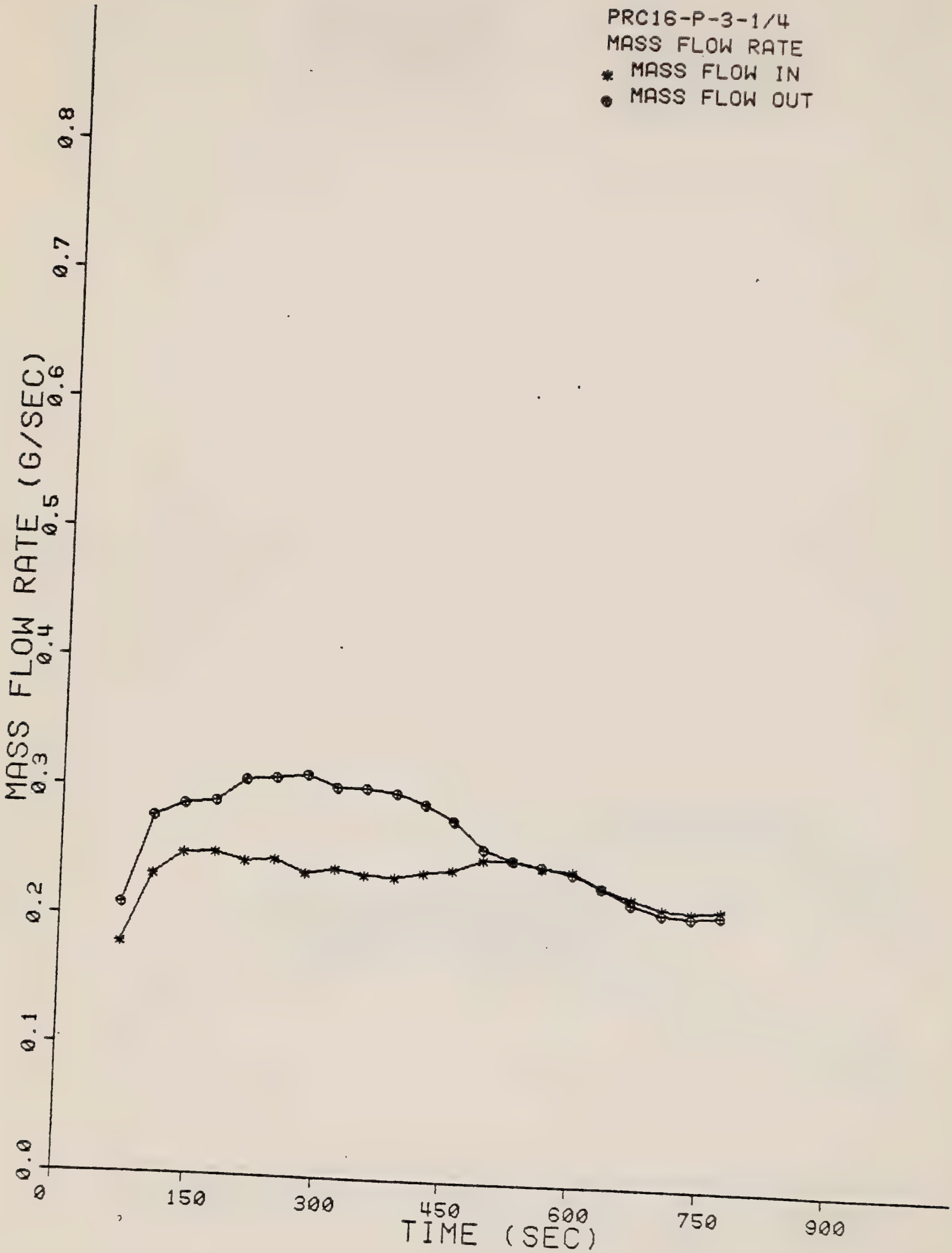

PRC13-W-2-1/4
MASS FLOW RATE
* MASS FLOW IN
● MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0
150
300
450
600
750
900
TIME (SEC)

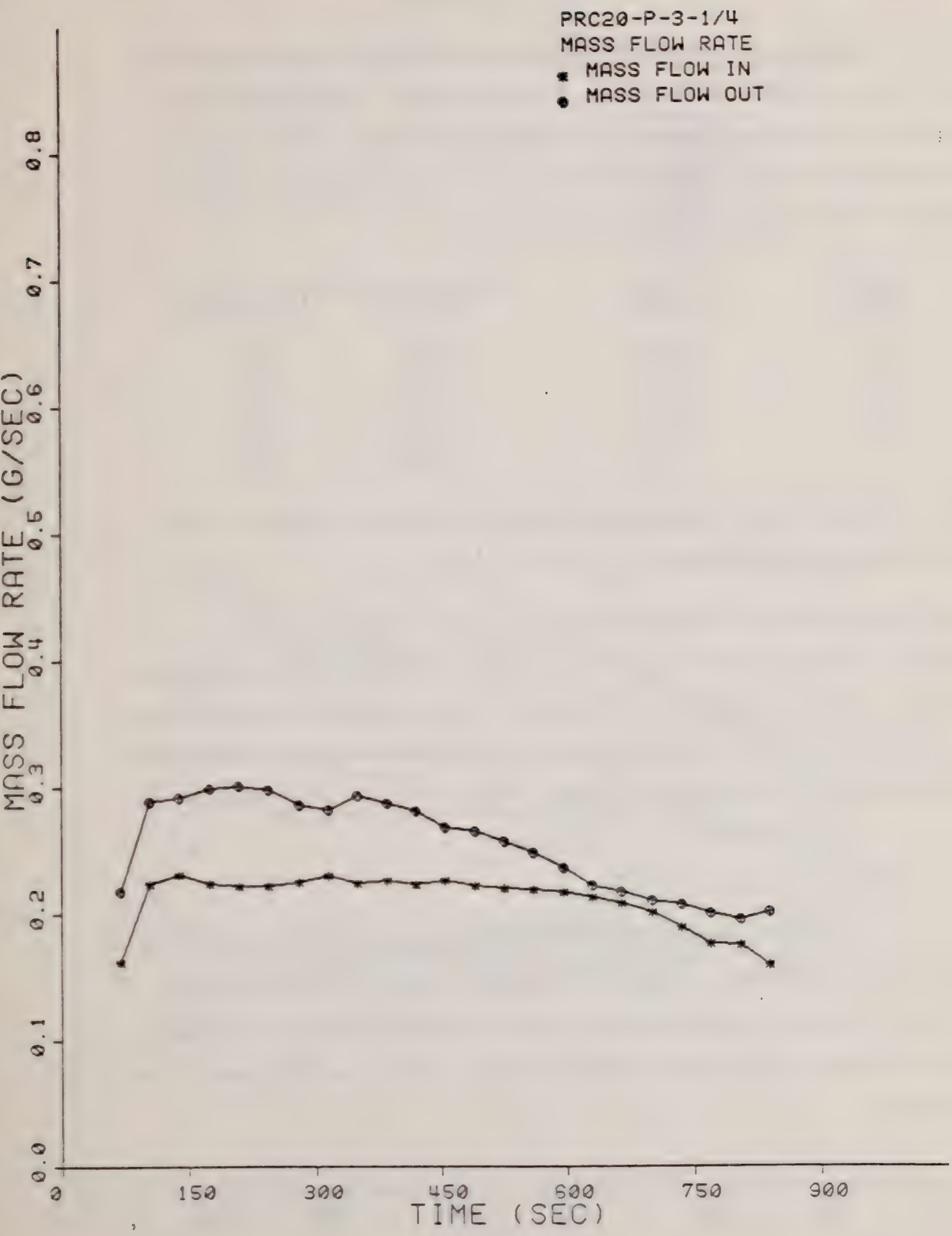

PRC17-W-4-1/4
MASS FLOW RATE
✱ MASS FLOW IN
⊕ MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
TIME (SEC)
0
150
300
450
600
750
900


PRC19-W-4-1/4
MASS FLOW RATE
* MASS FLOW IN
● MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
TIME (SEC)
0
150
300
450
600
750
900


PRC12-P-1-1/4
MASS FLOW RATE
* MASS FLOW IN
⊕ MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
TIME (SEC)
0
150
300
450
600
750
900


PRC14-P-2-1/4
MASS FLOW RATE
* MASS FLOW IN
● MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0
150
300
450
600
750
900
TIME (SEC)


PRC16-P-3-1/4
MASS FLOW RATE
* MASS FLOW IN
⊕ MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0
150
300
450
600
750
900
TIME (SEC)


PRC20-P-3-1/4
MASS FLOW RATE
* MASS FLOW IN
● MASS FLOW OUT
MASS FLOW RATE (G/SEC)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0
150
300
450
600
750
900
TIME (SEC)

9. ROOM STATIC PRESSURE

In this section the pressure differentials between the inside and outside of the room are presented at six elevations. The results are presented as a function of time in figures 9-1 through 9-20. The elevation can be identified by the channel number listed in the figure, and the information listed below (see also figure 1-2).

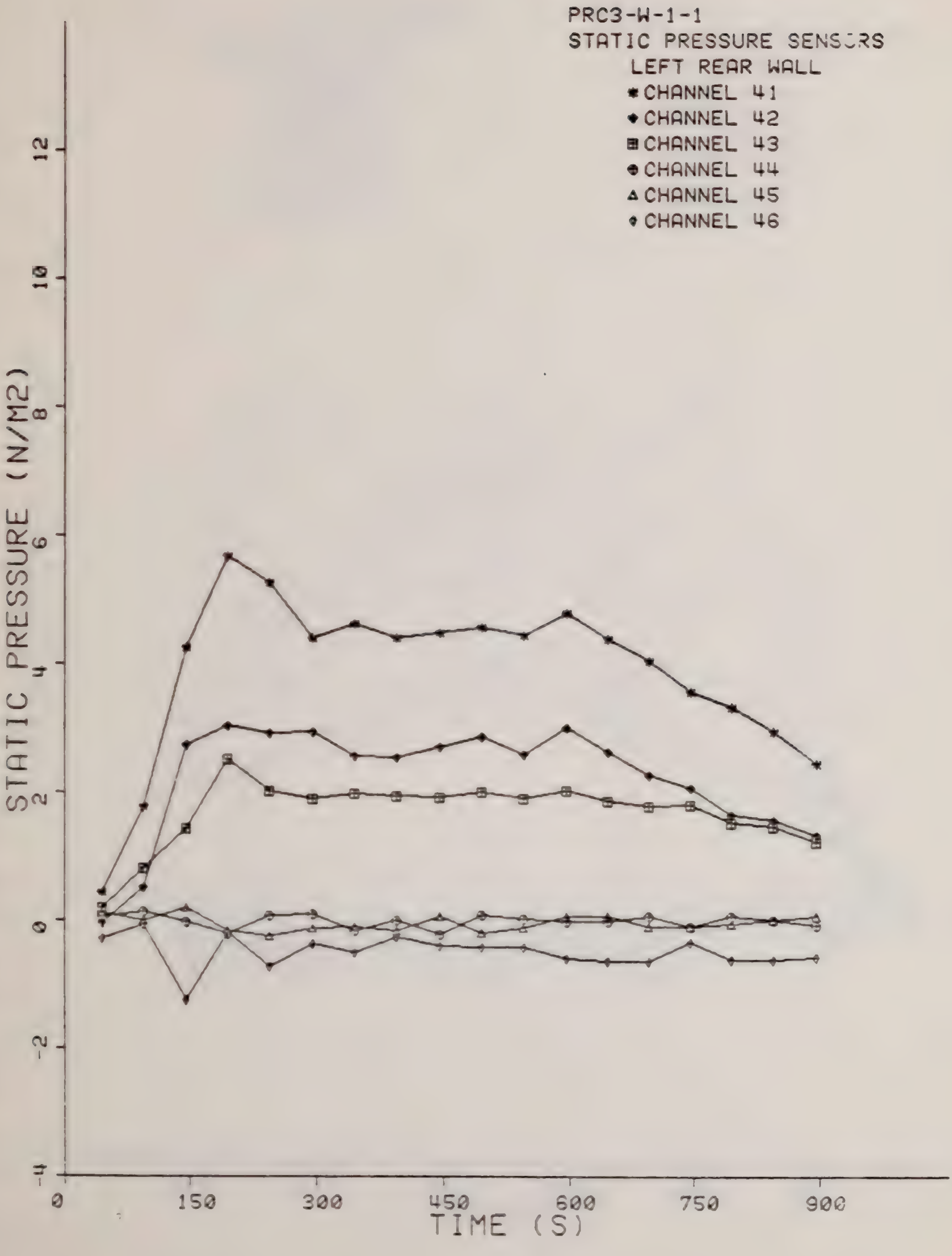
Channel Number	Probe Symbol	Distance Above the Floor (m) PRC 0-8	PRC 9-20
41	DP1	2.30	2.28
42	DP2	2.01	1.81
43	DP3	1.76	1.35
44	DP4	0.54	0.89
45	DP5	0.285	0.49
46	DP6	0.0285	0.04

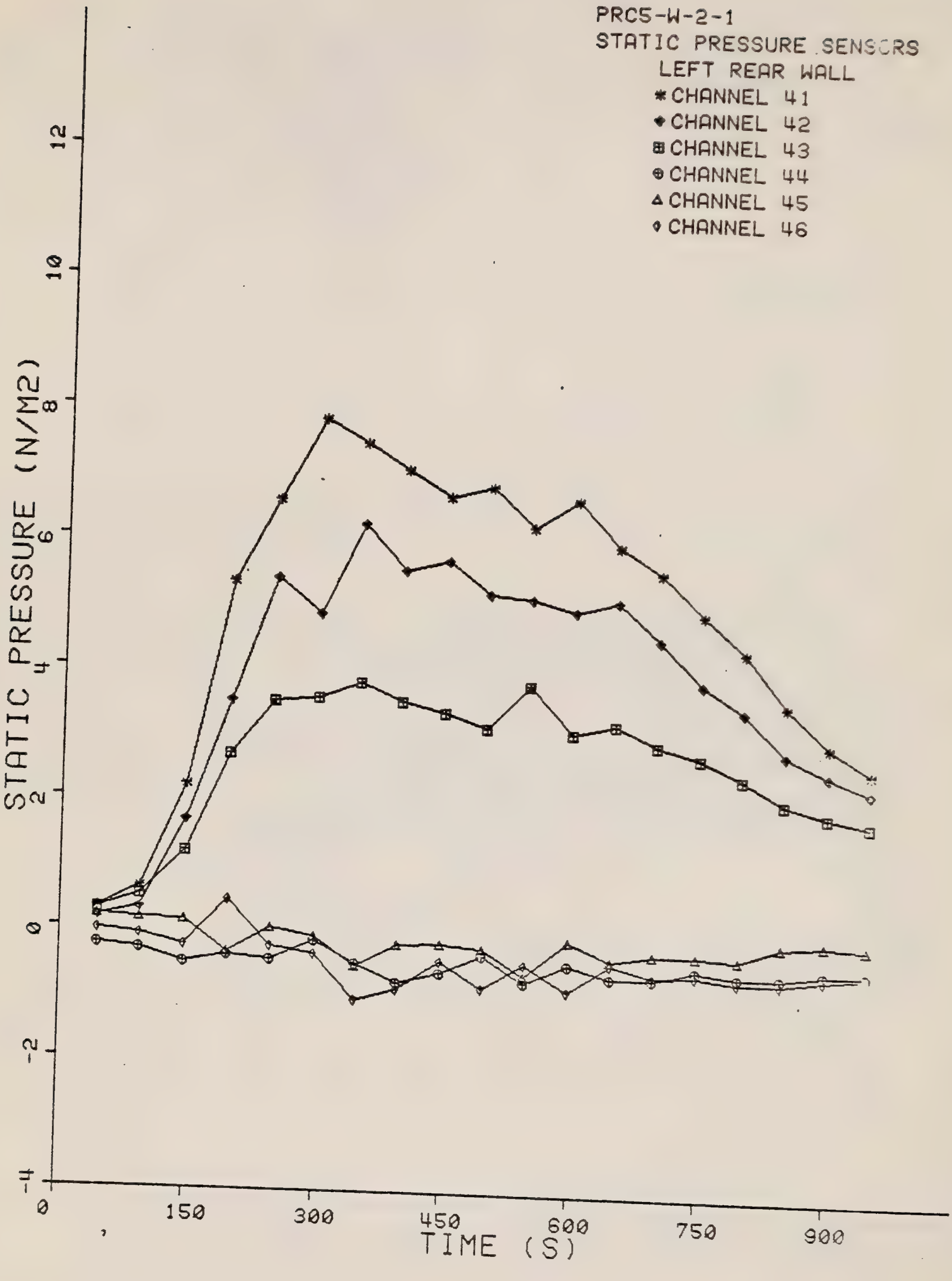
The probe positions were changed after PRC 8 in order to yield a more complete vertical distribution.

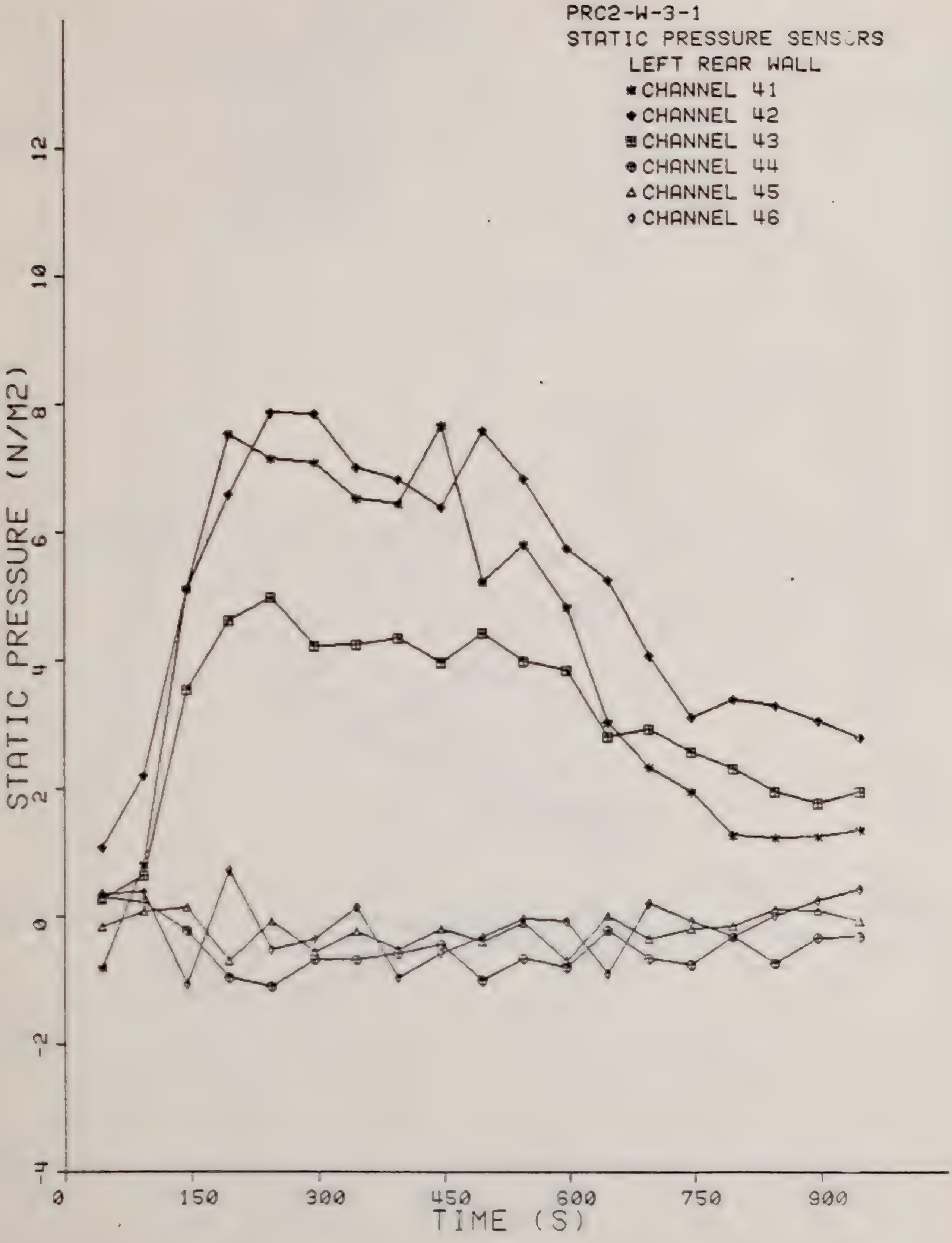
Since these probes responded to a turbulent phenomenon it is appropriate to average their signal in order to present the near pressure differential. The main result will depend on the averaging process used, and in appendix A various averaging results are presented for illustration. The results given in figures 9-1 through 9-20 have been time-averaged as

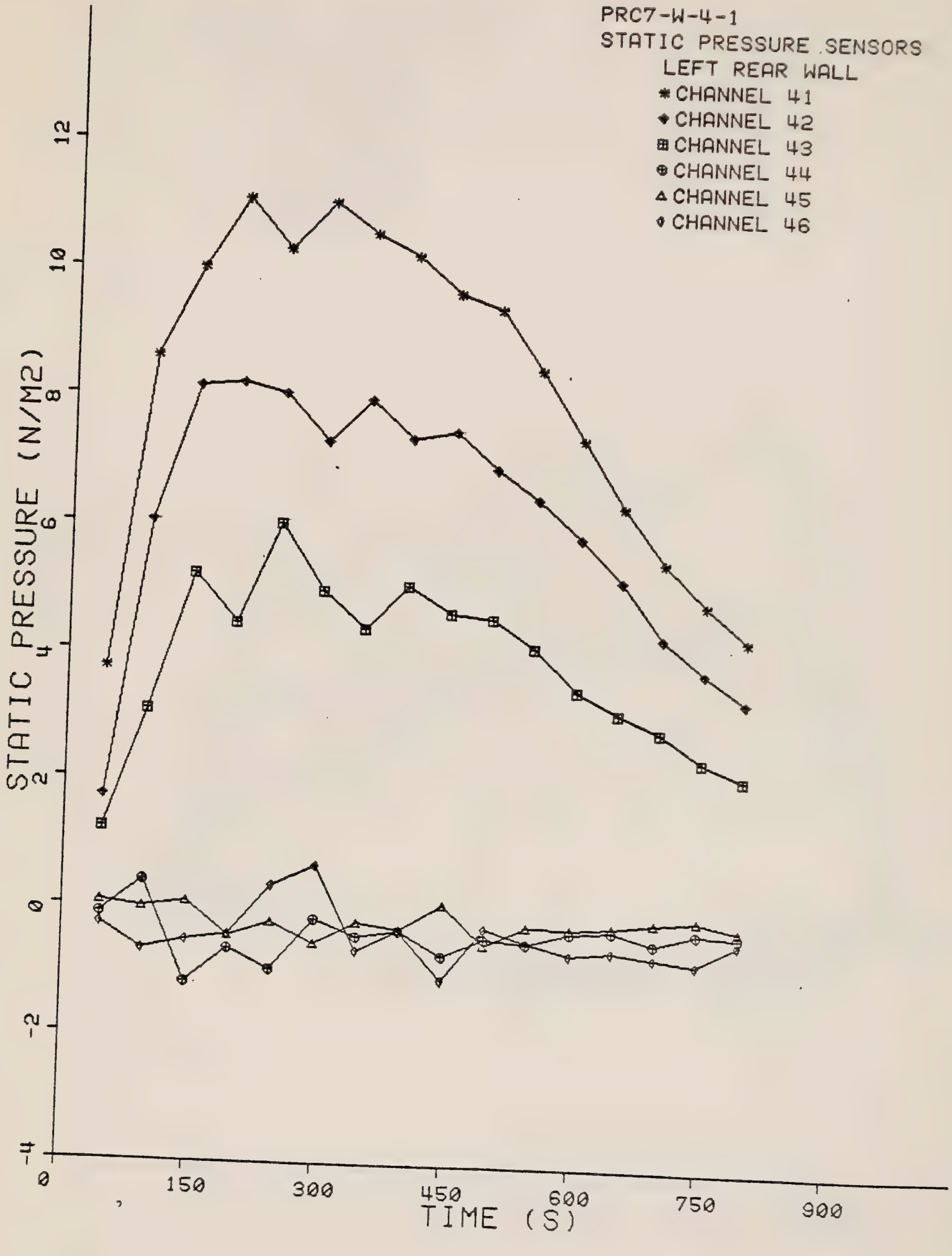
$$\bar{p}\left(t_{i+4}\right) = \frac{1}{\left(t_{i+10} - t_i\right)} \int_{t_i}^{t_{i+10}} p(t) \, . \, dt$$

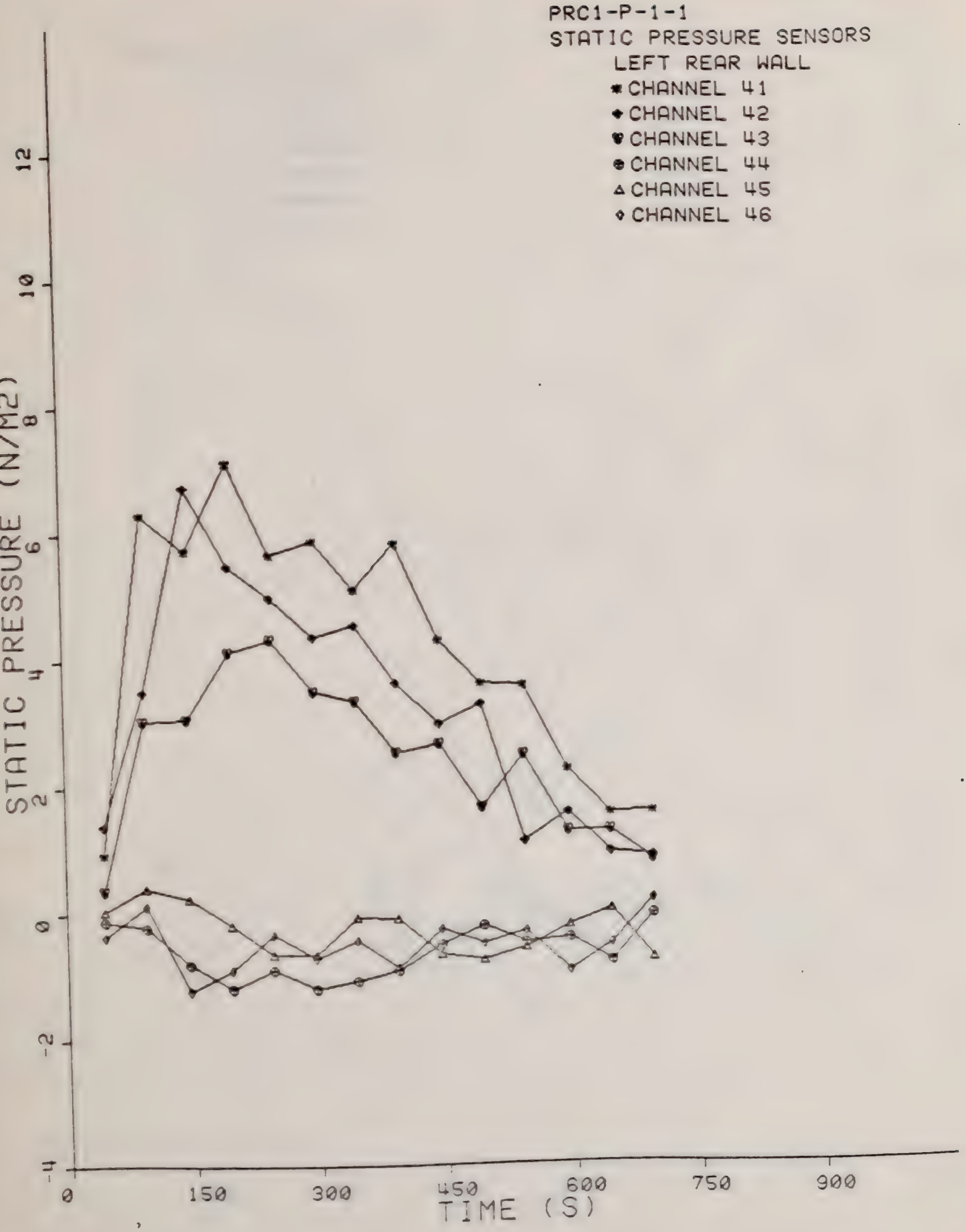
a 50-second running average using a rectangular rule for evaluating the integral with a time increment equal to the data scan time of 5 seconds. In the above formula, p is the pressure signal, and t_i is the time at the ith data scan.

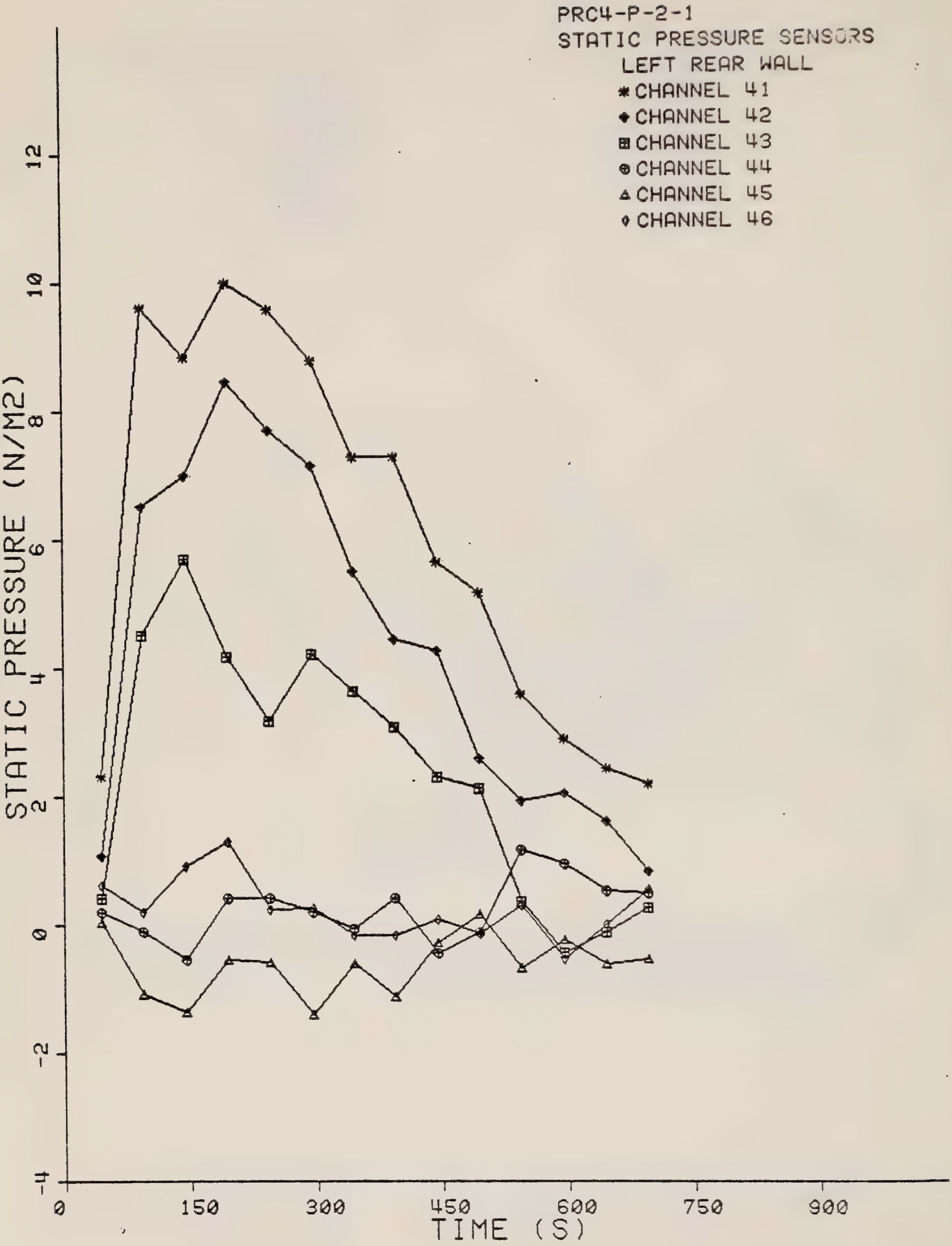

PRC3-W-1-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
✱ CHANNEL 41
◆ CHANNEL 42
⊞ CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
◇ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

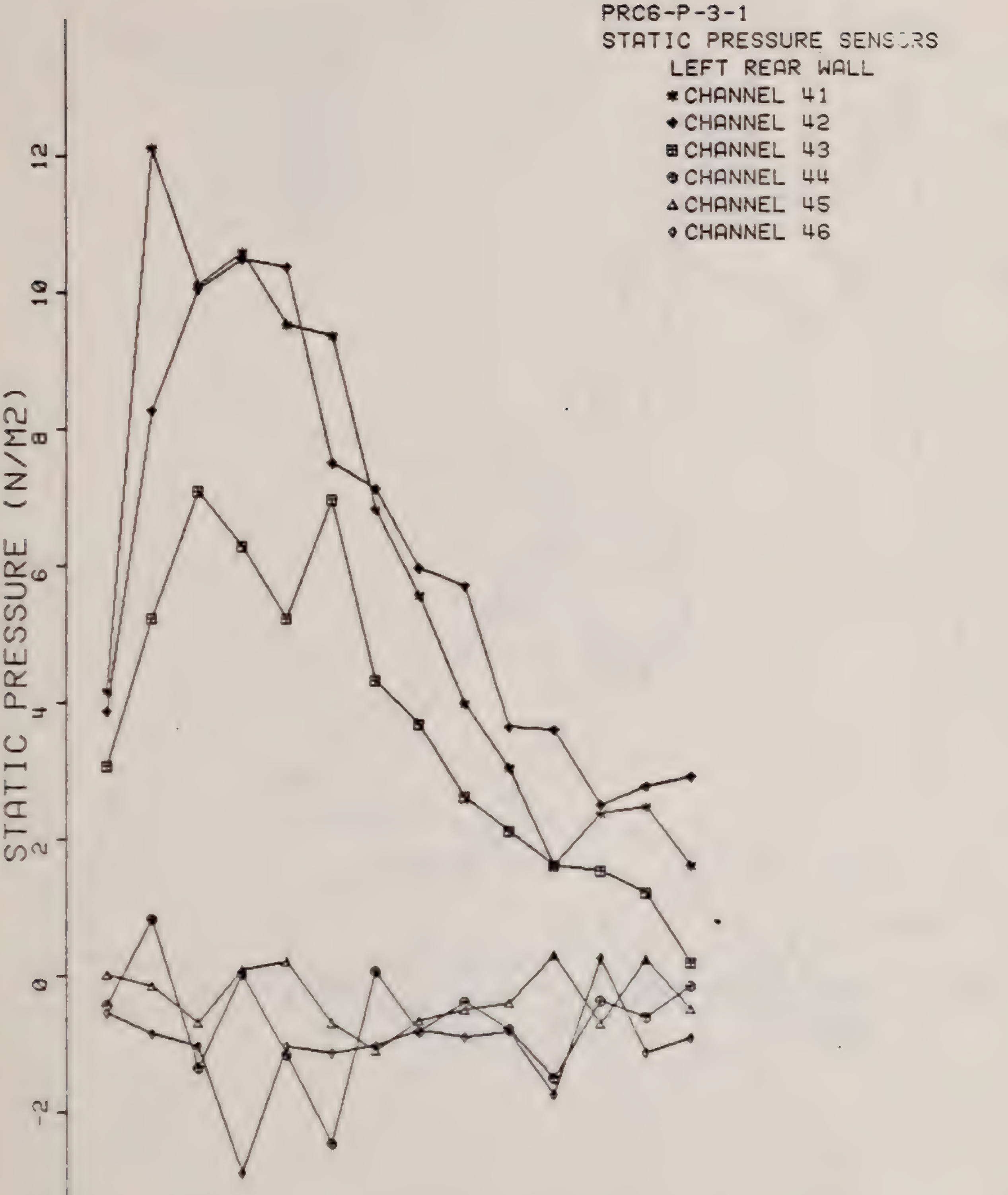

PRC5-W-2-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
* CHANNEL 41
◆ CHANNEL 42
⊞ CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
◊ CHANNEL 46
STATIC PRESSURE (N/M2)
-4
-2
0
2
4
6
8
10
12
TIME (S)
0
150
300
450
600
750
900

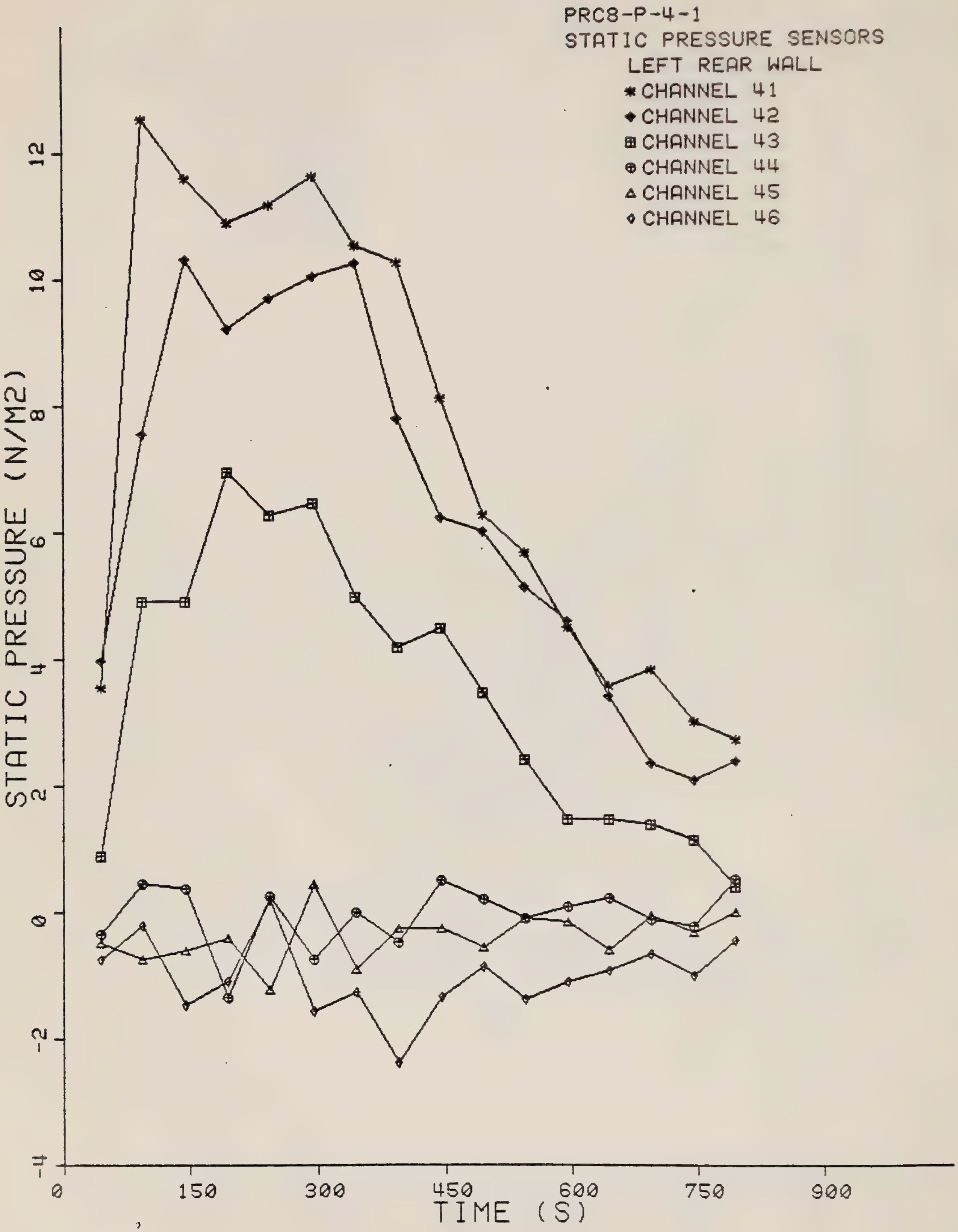

PRC2-W-3-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
✱ CHANNEL 41
◆ CHANNEL 42
⊞ CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
◇ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
TIME (S)
0
150
300
450
600
750
900

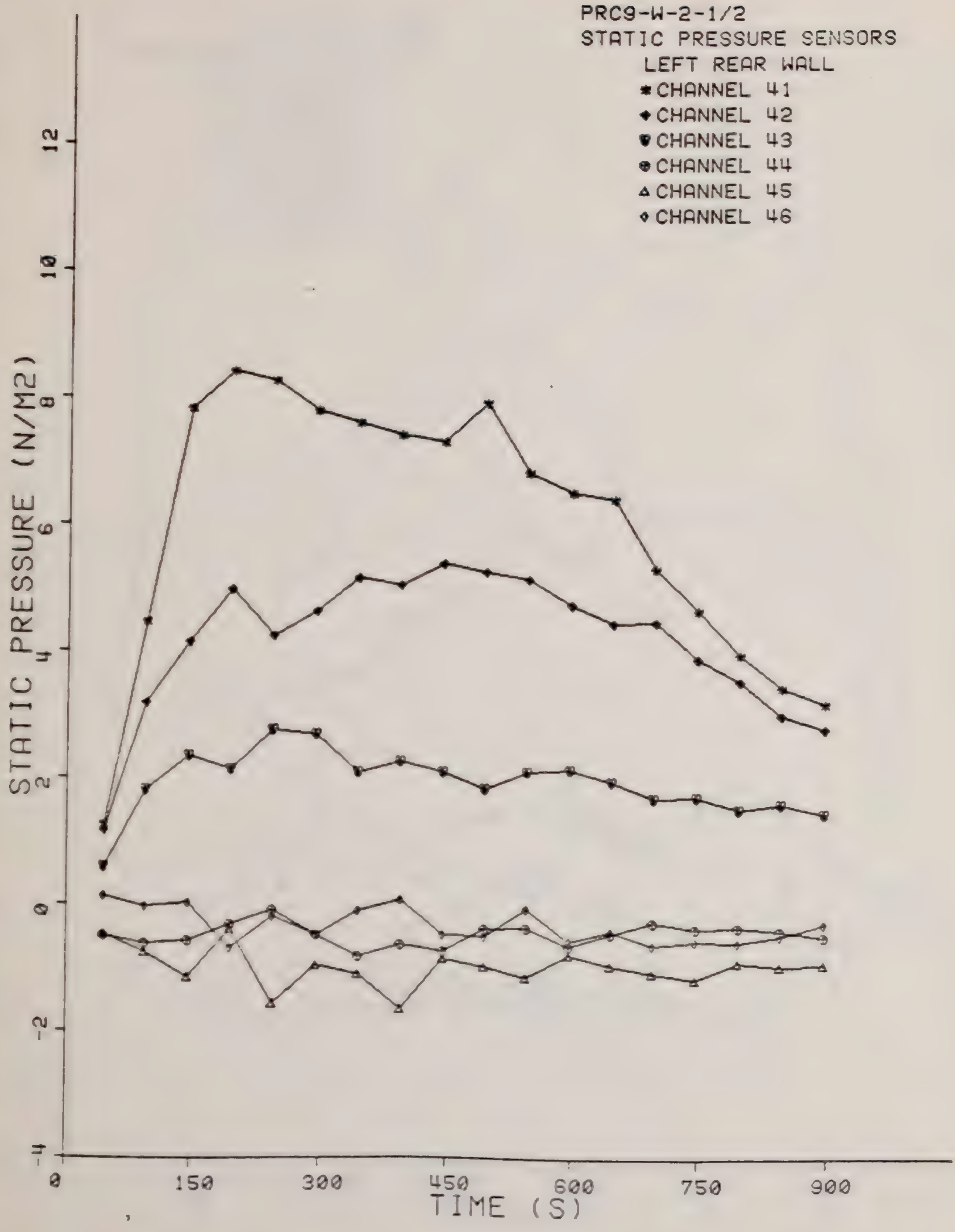

PRC7-W-4-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
✱ CHANNEL 41
◆ CHANNEL 42
⊞ CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
◊ CHANNEL 46
STATIC PRESSURE (N/M2)
-4
-2
0
2
4
6
8
10
12
TIME (S)
0
150
300
450
600
750
900

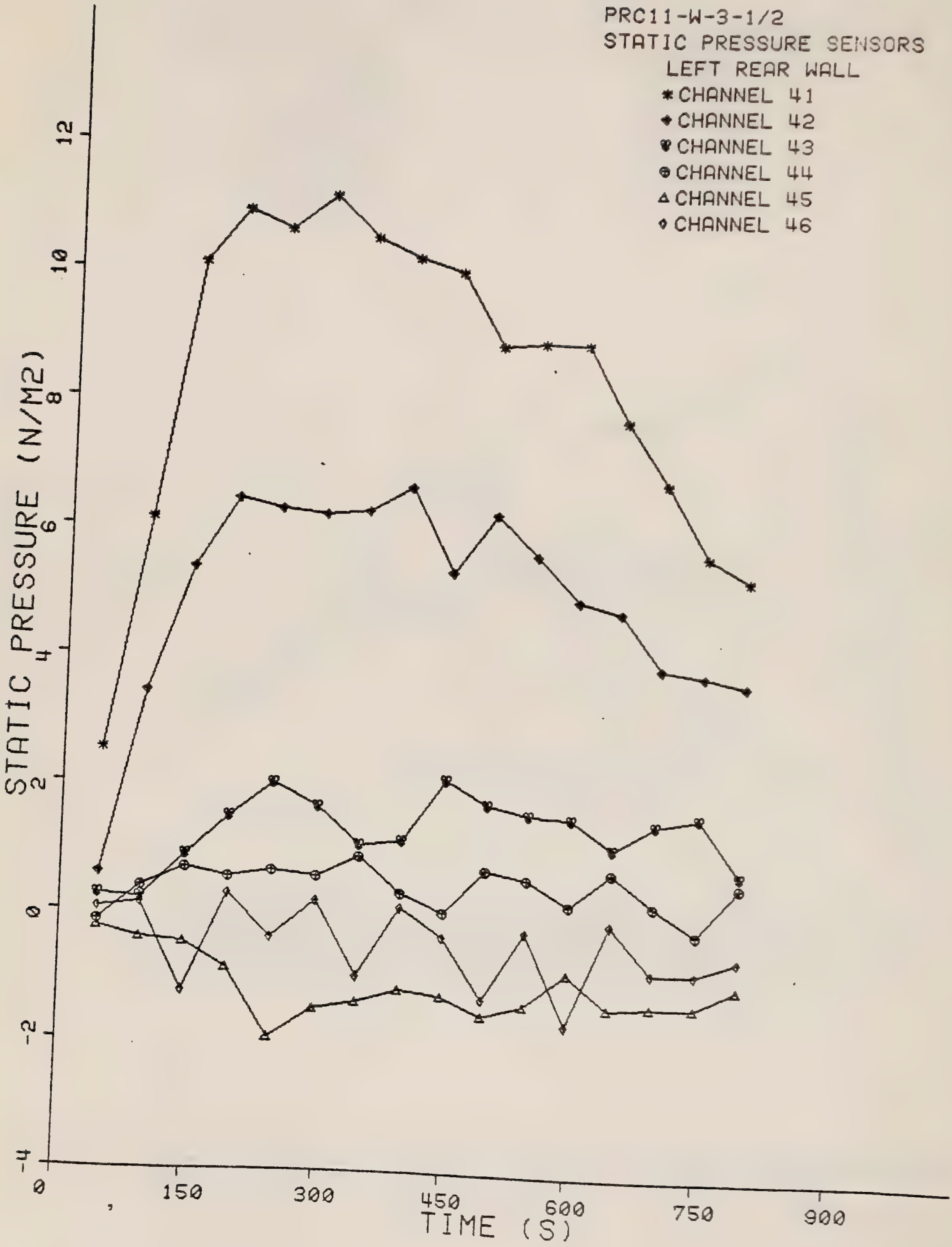

PRC1-P-1-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
* CHANNEL 41
◆ CHANNEL 42
♥ CHANNEL 43
⊗ CHANNEL 44
△ CHANNEL 45
◇ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

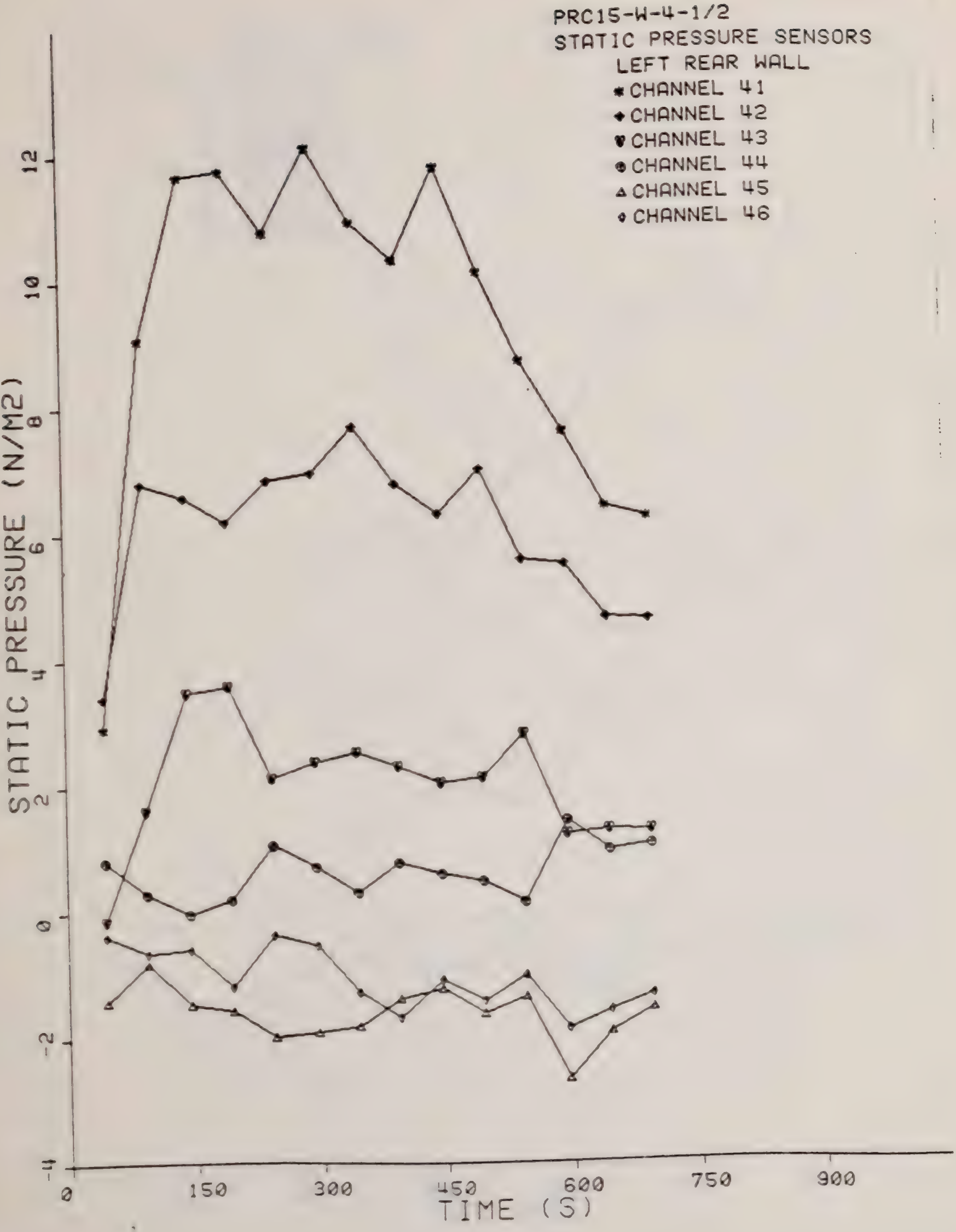

PRC4-P-2-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
✱ CHANNEL 41
◆ CHANNEL 42
⊞ CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
◊ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

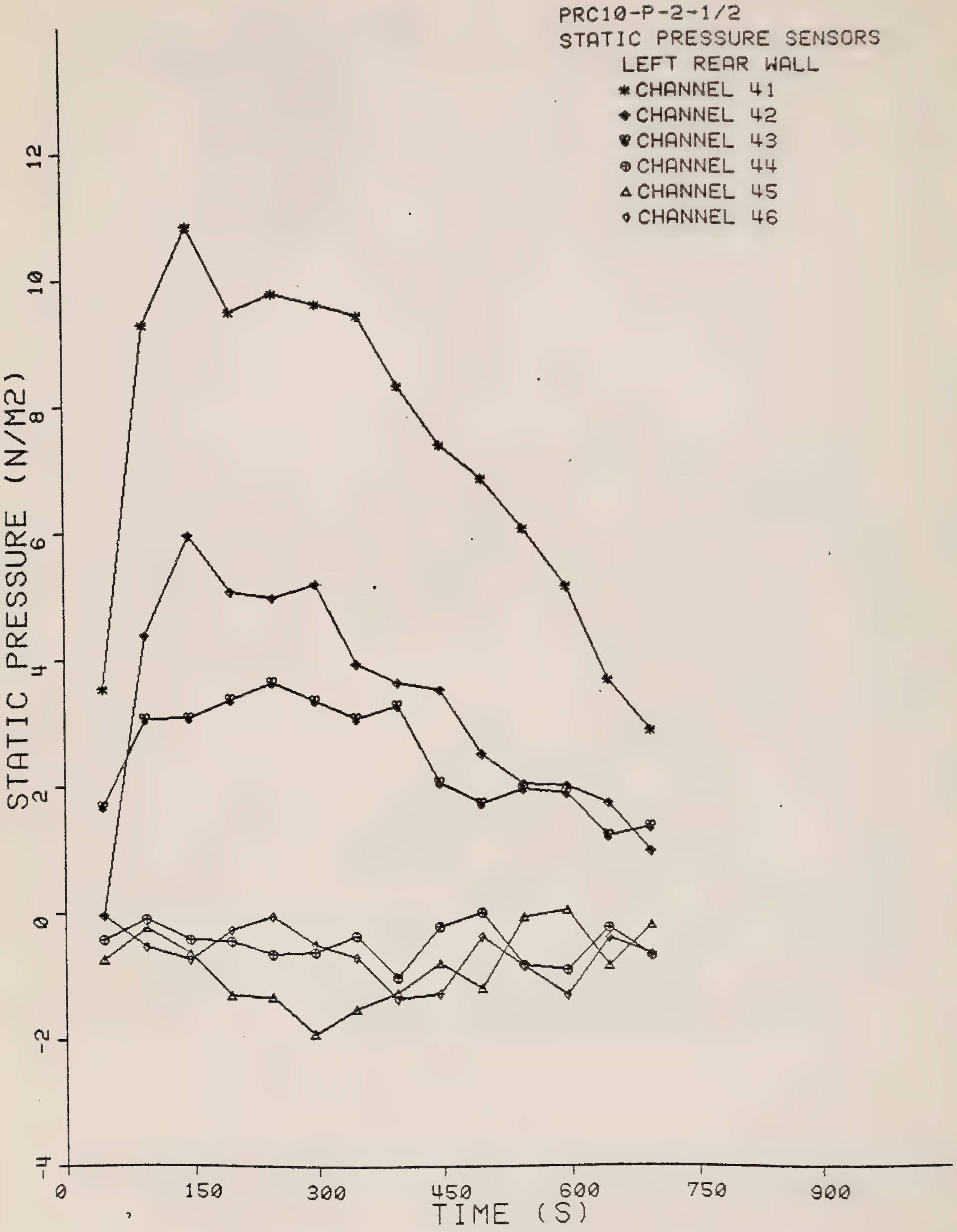

PRC6-P-3-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
✱ CHANNEL 41
◆ CHANNEL 42
⊞ CHANNEL 43
● CHANNEL 44
△ CHANNEL 45
◇ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

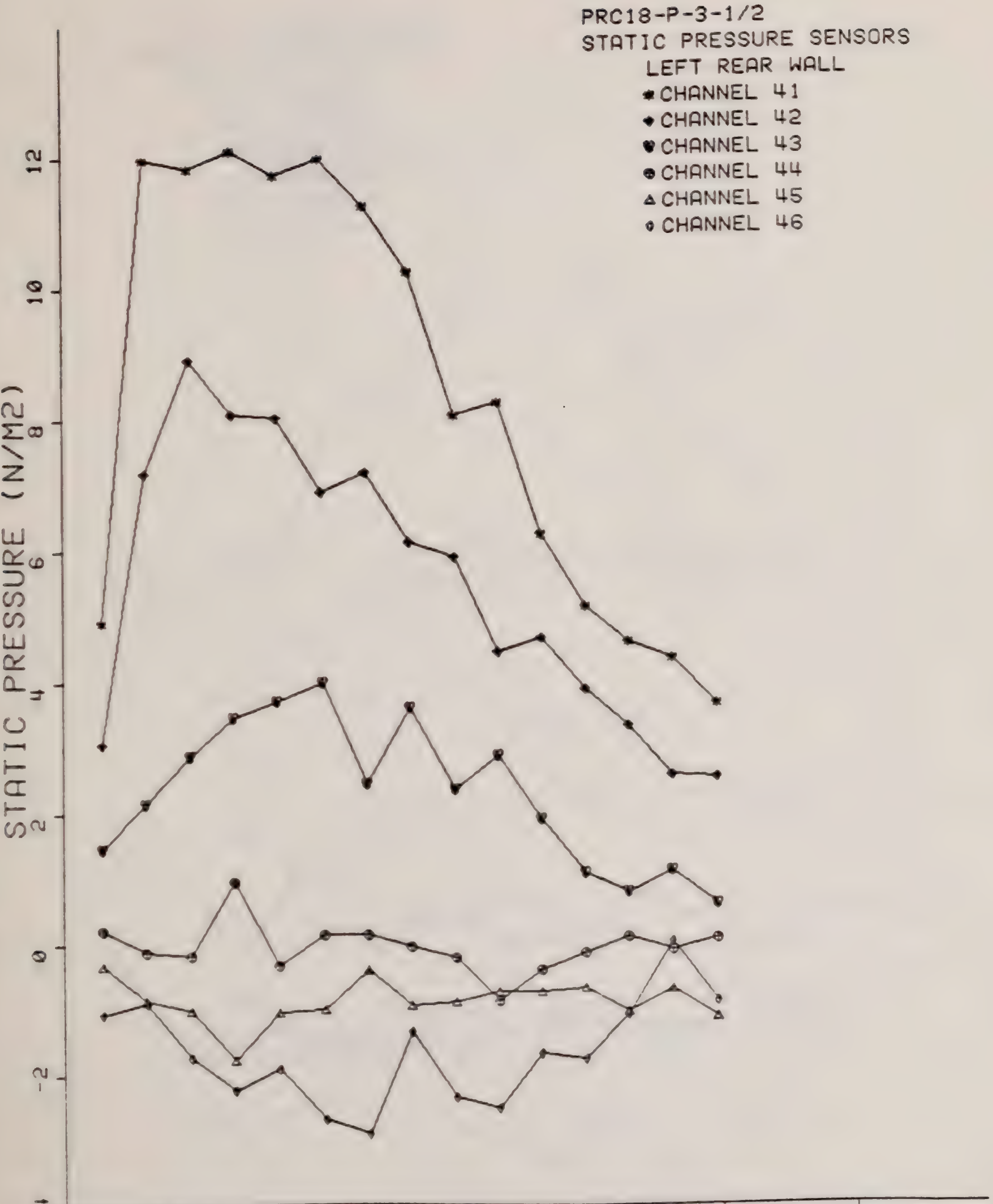

PRC8-P-4-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
✱ CHANNEL 41
◆ CHANNEL 42
⊞ CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
◇ CHANNEL 46
STATIC PRESSURE (N/M2)
-4
-2
0
2
4
6
8
10
12
0
150
300
450
600
750
900
TIME (S)

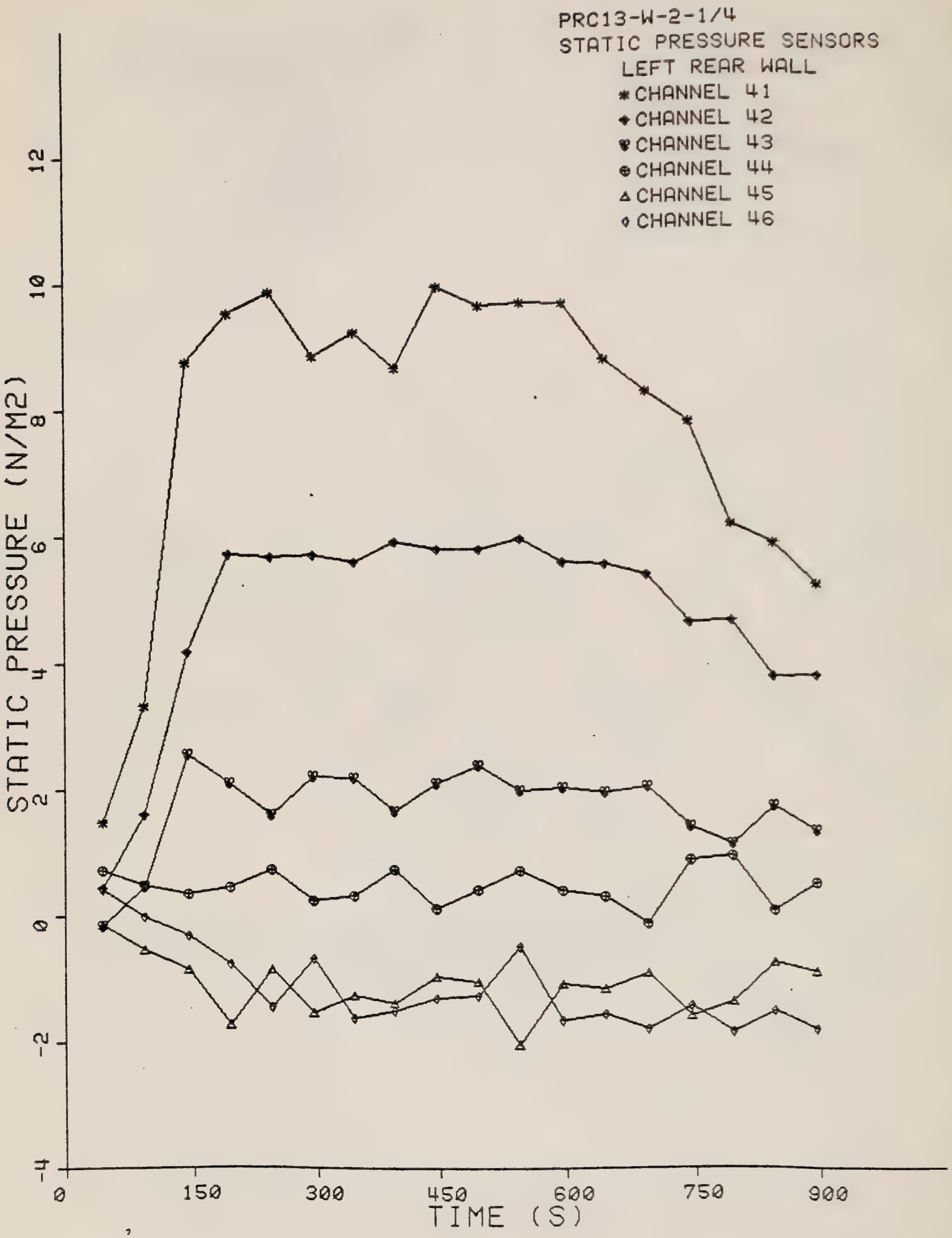

PRC9-W-2-1/2
STATIC PRESSURE SENSORS
LEFT REAR WALL
✱ CHANNEL 41
◆ CHANNEL 42
▼ CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
◇ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

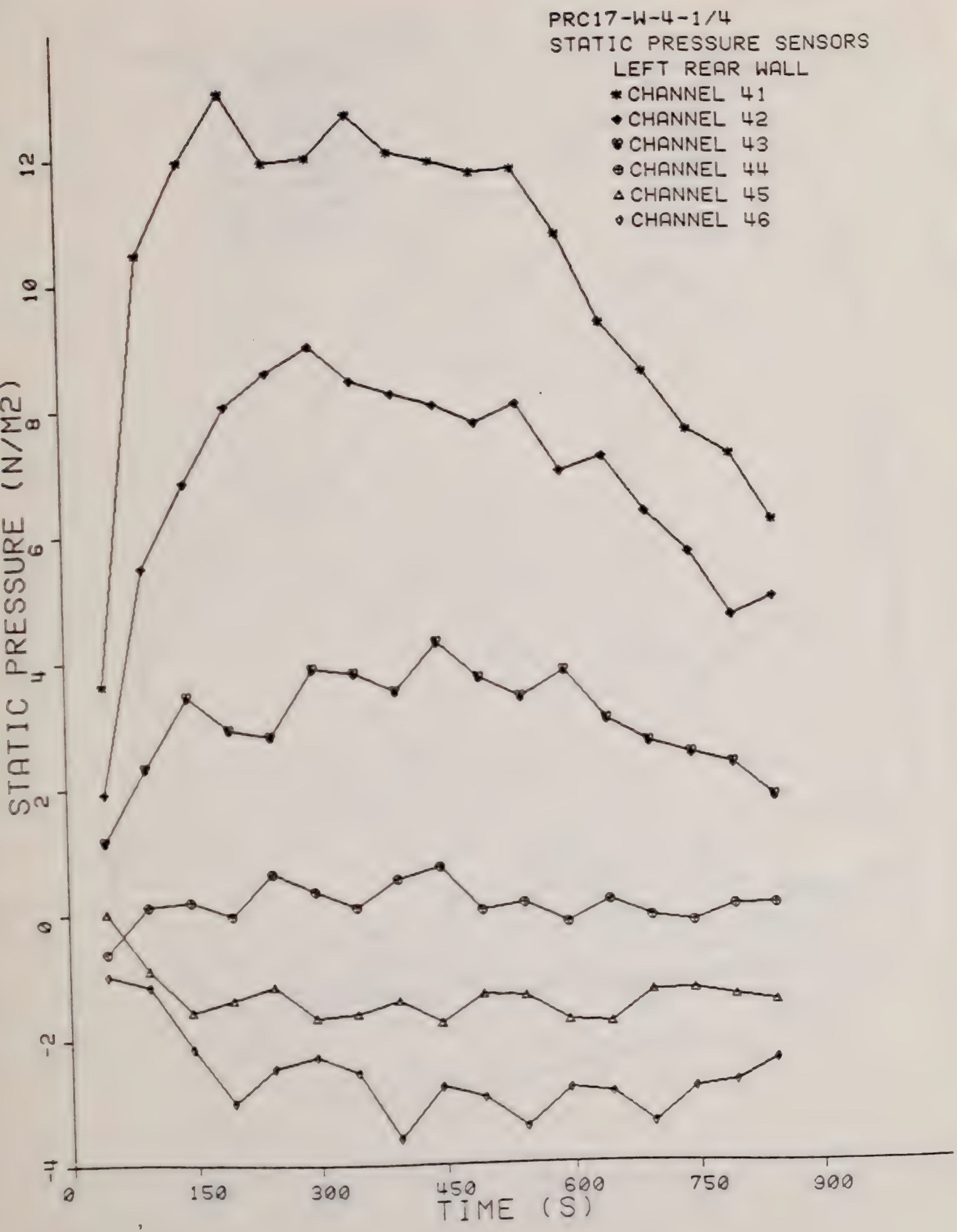

PRC11-W-3-1/2
STATIC PRESSURE SENSORS
LEFT REAR WALL
✱ CHANNEL 41
◆ CHANNEL 42
CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
◇ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

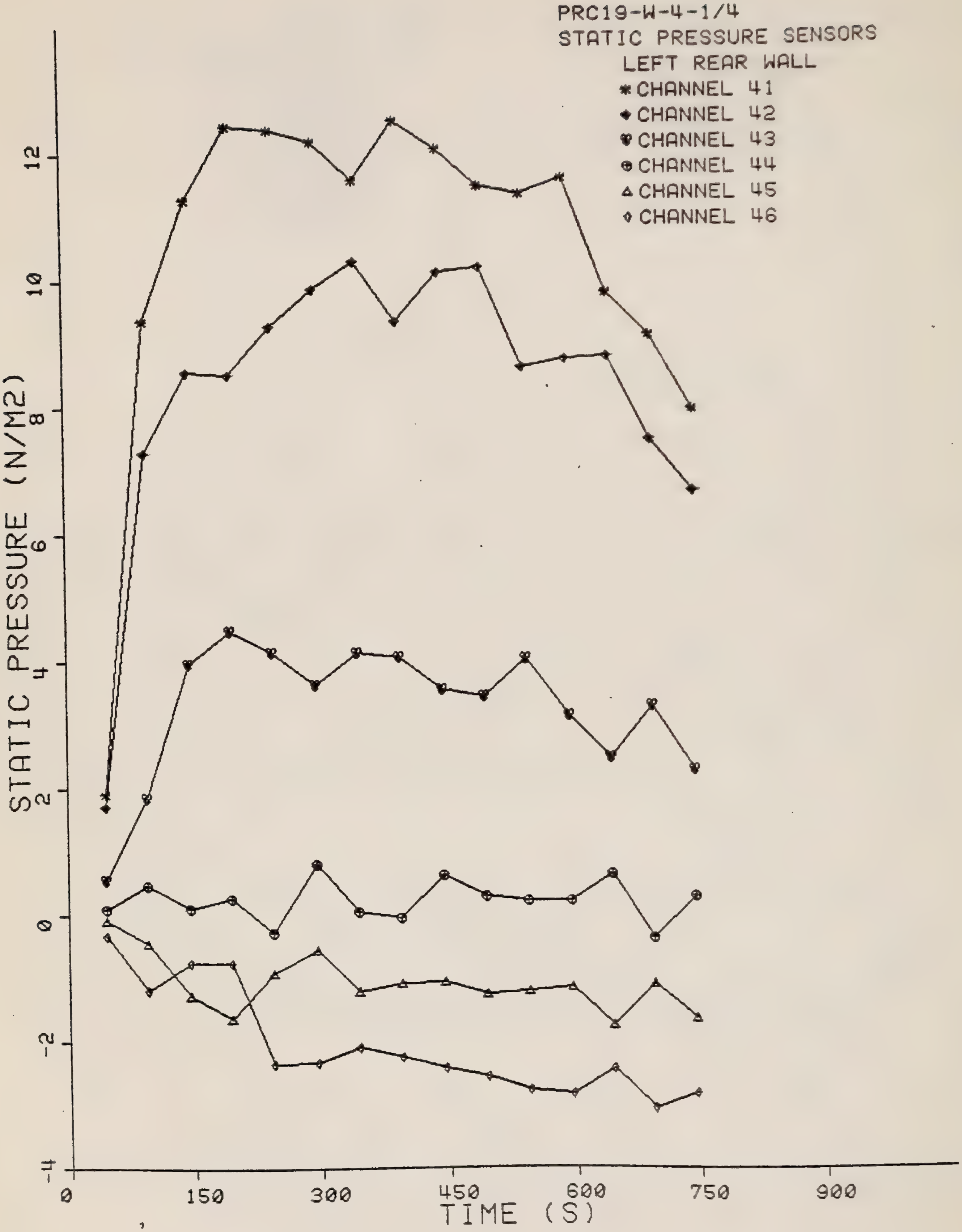

PRC15-W-4-1/2
STATIC PRESSURE SENSORS
LEFT REAR WALL
✱ CHANNEL 41
◆ CHANNEL 42
▼ CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
○ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
TIME (S)
0
150
300
450
600
750
900

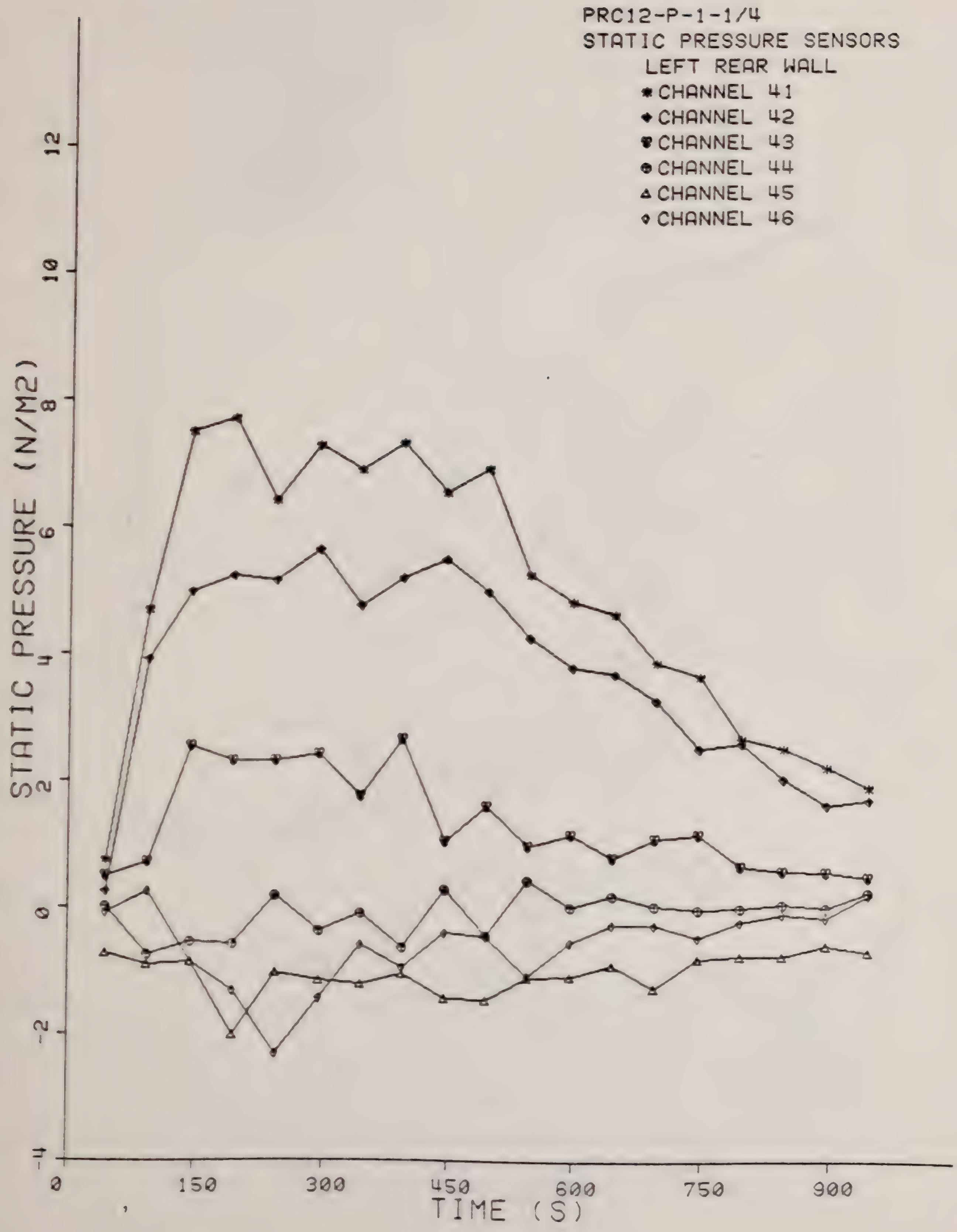

PRC10-P-2-1/2
STATIC PRESSURE SENSORS
LEFT REAR WALL
* CHANNEL 41
◆ CHANNEL 42
♥ CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
◊ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

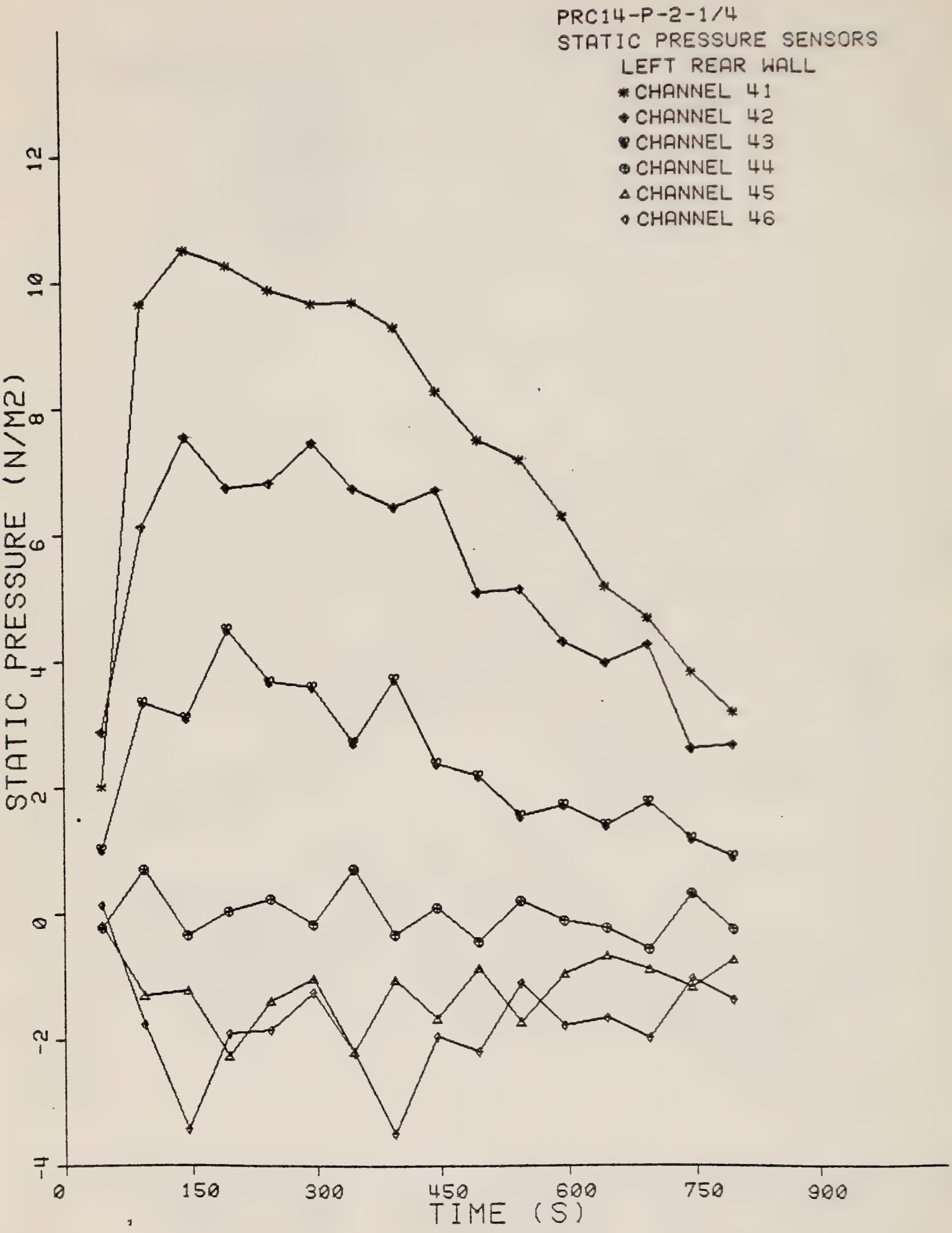

PRC18-P-3-1/2
STATIC PRESSURE SENSORS
LEFT REAR WALL
* CHANNEL 41
◆ CHANNEL 42
▼ CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
◇ CHANNEL 46
STATIC PRESSURE (N/M2)
-4
-2
0
2
4
6
8
10
12
0
150
300
450
600
750
900
TIME (S)

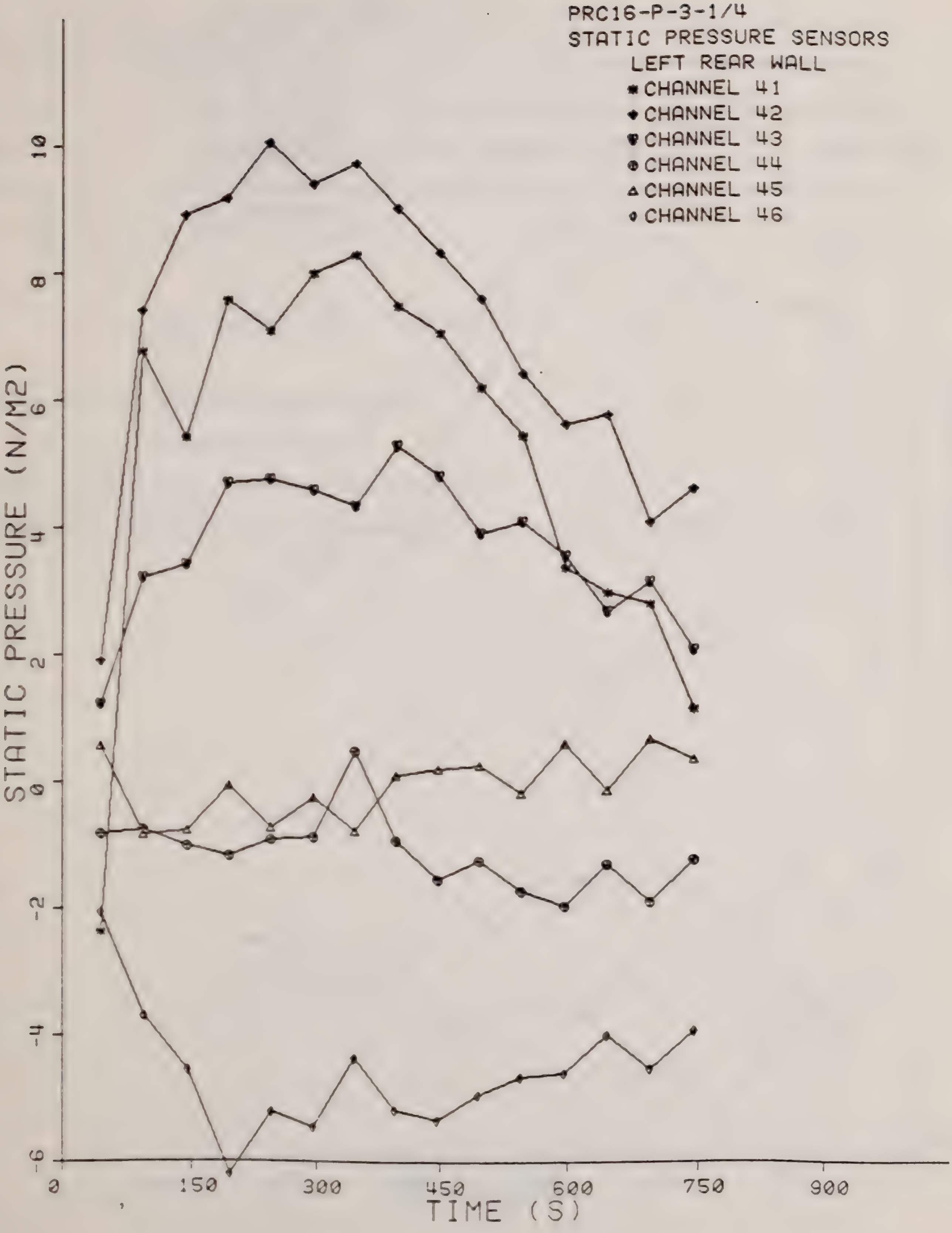

PRC13-W-2-1/4
STATIC PRESSURE SENSORS
LEFT REAR WALL
CHANNEL 41
CHANNEL 42
CHANNEL 43
CHANNEL 44
CHANNEL 45
CHANNEL 46
STATIC PRESSURE (N/M2)
-4
-2
0
2
4
6
8
10
12
0
150
300
450
600
750
900
TIME (S)

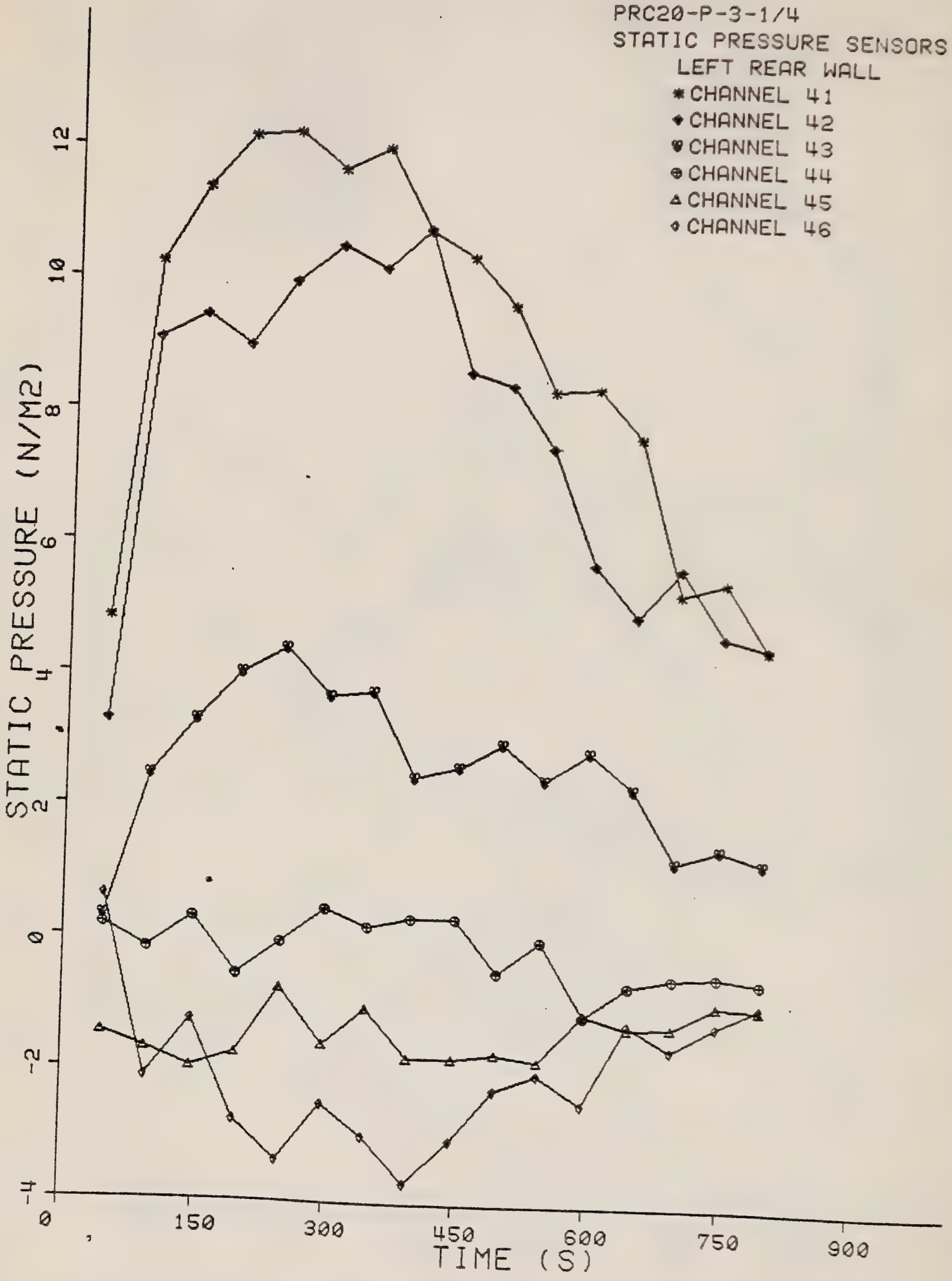

PRC17-W-4-1/4
STATIC PRESSURE SENSORS
LEFT REAR WALL
* CHANNEL 41
◆ CHANNEL 42
♥ CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
◇ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)


PRC19-W-4-1/4
STATIC PRESSURE SENSORS
LEFT REAR WALL
✱ CHANNEL 41
◆ CHANNEL 42
▼ CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
◇ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)


PRC12-P-1-1/4
STATIC PRESSURE SENSORS
LEFT REAR WALL
✱ CHANNEL 41
◆ CHANNEL 42
▼ CHANNEL 43
● CHANNEL 44
△ CHANNEL 45
◇ CHANNEL 46
STATIC PRESSURE (N/M2)
-4
-2
0
2
4
6
8
10
12
0
150
300
450
600
750
900
TIME (S)


PRC14-P-2-1/4
STATIC PRESSURE SENSORS
LEFT REAR WALL
* CHANNEL 41
◆ CHANNEL 42
♥ CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
◇ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)


PRC16-P-3-1/4
STATIC PRESSURE SENSORS
LEFT REAR WALL
CHANNEL 41
CHANNEL 42
CHANNEL 43
CHANNEL 44
CHANNEL 45
CHANNEL 46
STATIC PRESSURE (N/M2)
TIME (S)
10
8
6
4
2
0
-2
-4
-6
0
150
300
450
600
750
900


PRC20-P-3-1/4
STATIC PRESSURE SENSORS
LEFT REAR WALL
* CHANNEL 41
◆ CHANNEL 42
▼ CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
◇ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

10. GAS CONCENTRATION

The volume concentrations (dry basis) of O_2 and CO_2 measured at the top of the doorway are shown in figures 10-1 to 10-2. These concentration results are mirror-like images of each other provided a significant concentration of CO is not produced which was certainly the case in our experiments. In fact it can be shown from equations 6-30 through 6-32 of volume I that (for insignificant fuel production)

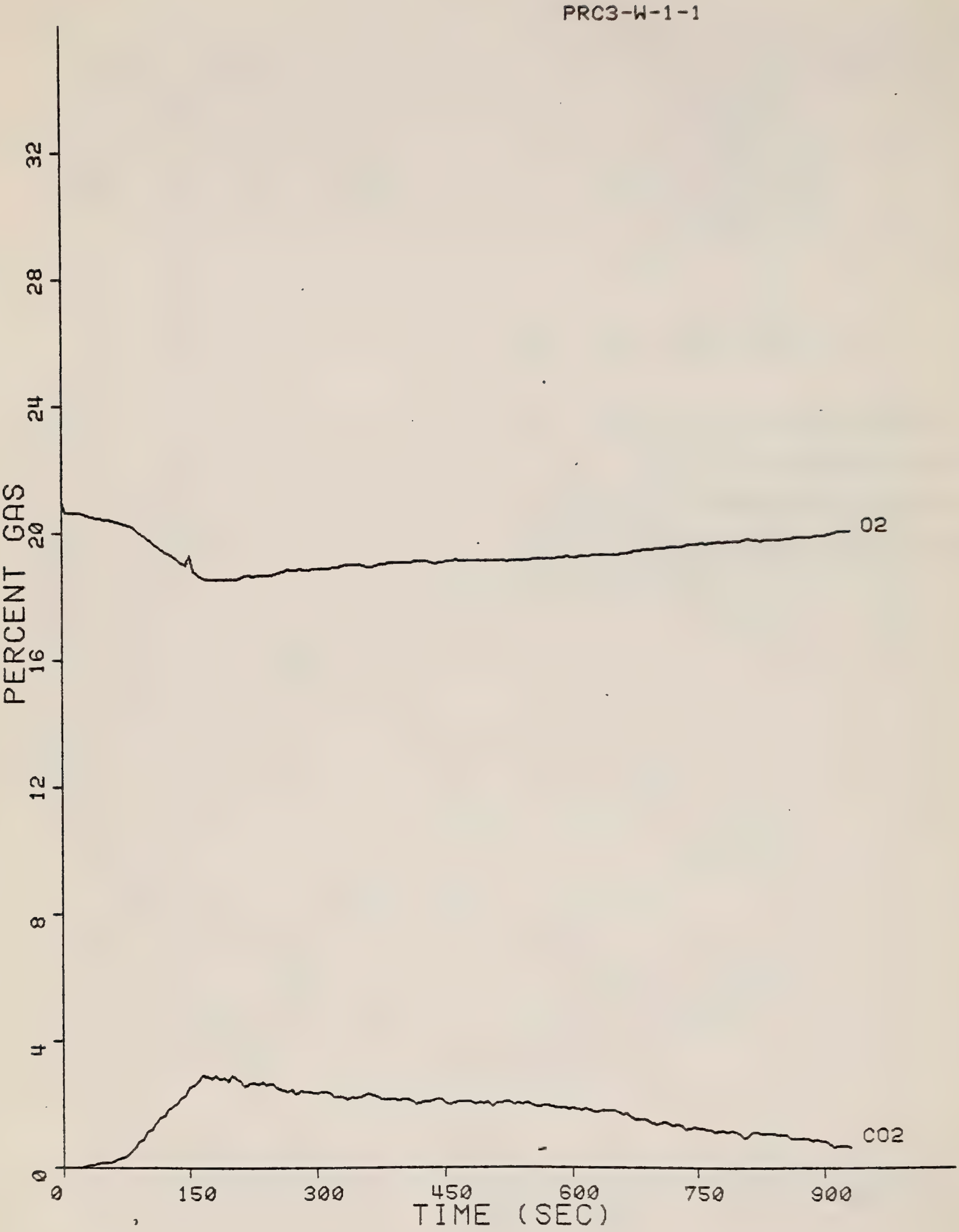
$$\chi_{O2} + \frac{M_{CO_2}}{M_{O2}} \frac{\nu_{O2}}{\nu_{CO_2}} \chi_{CO_2} = 0.21$$

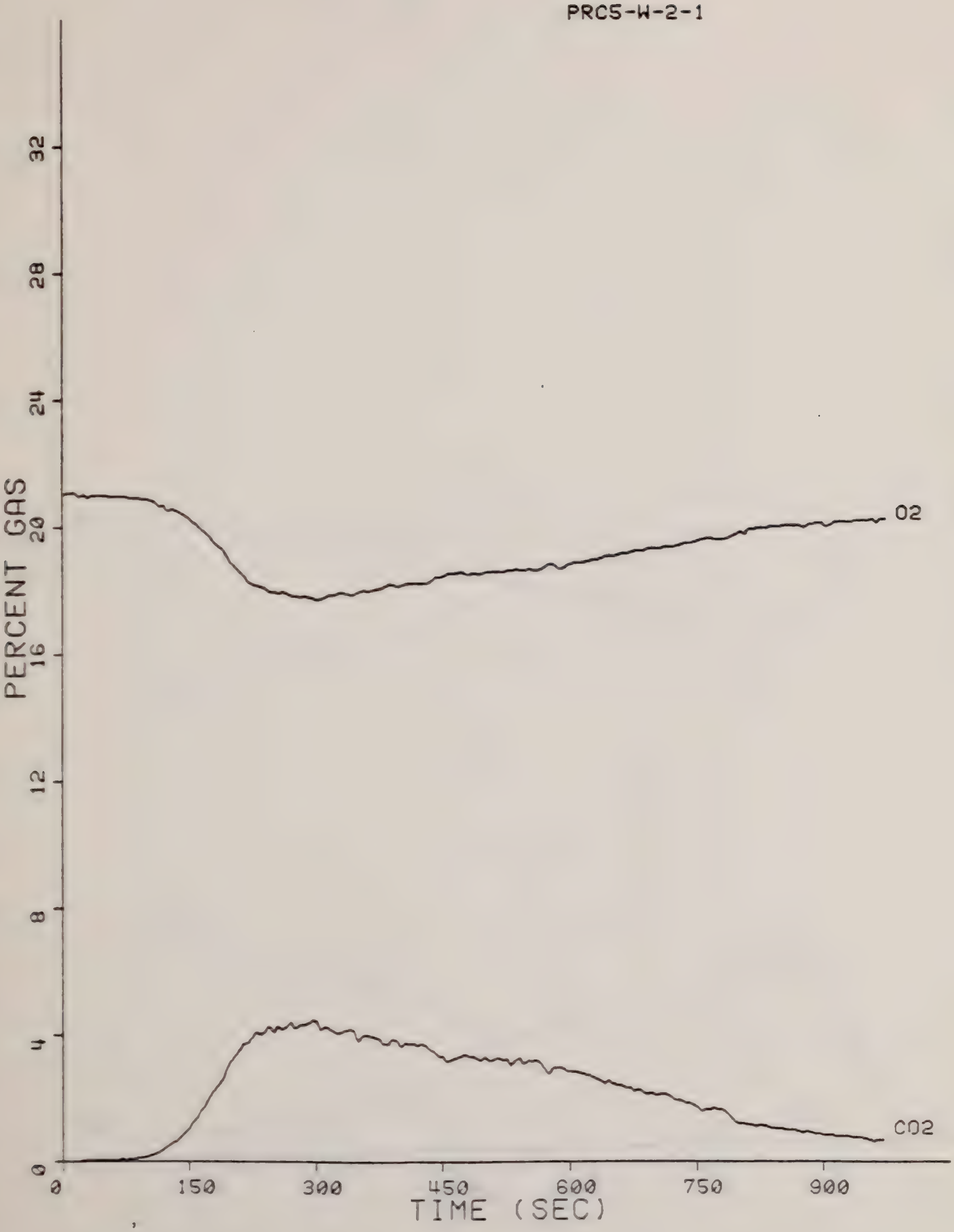
where χ is the volume concentration,

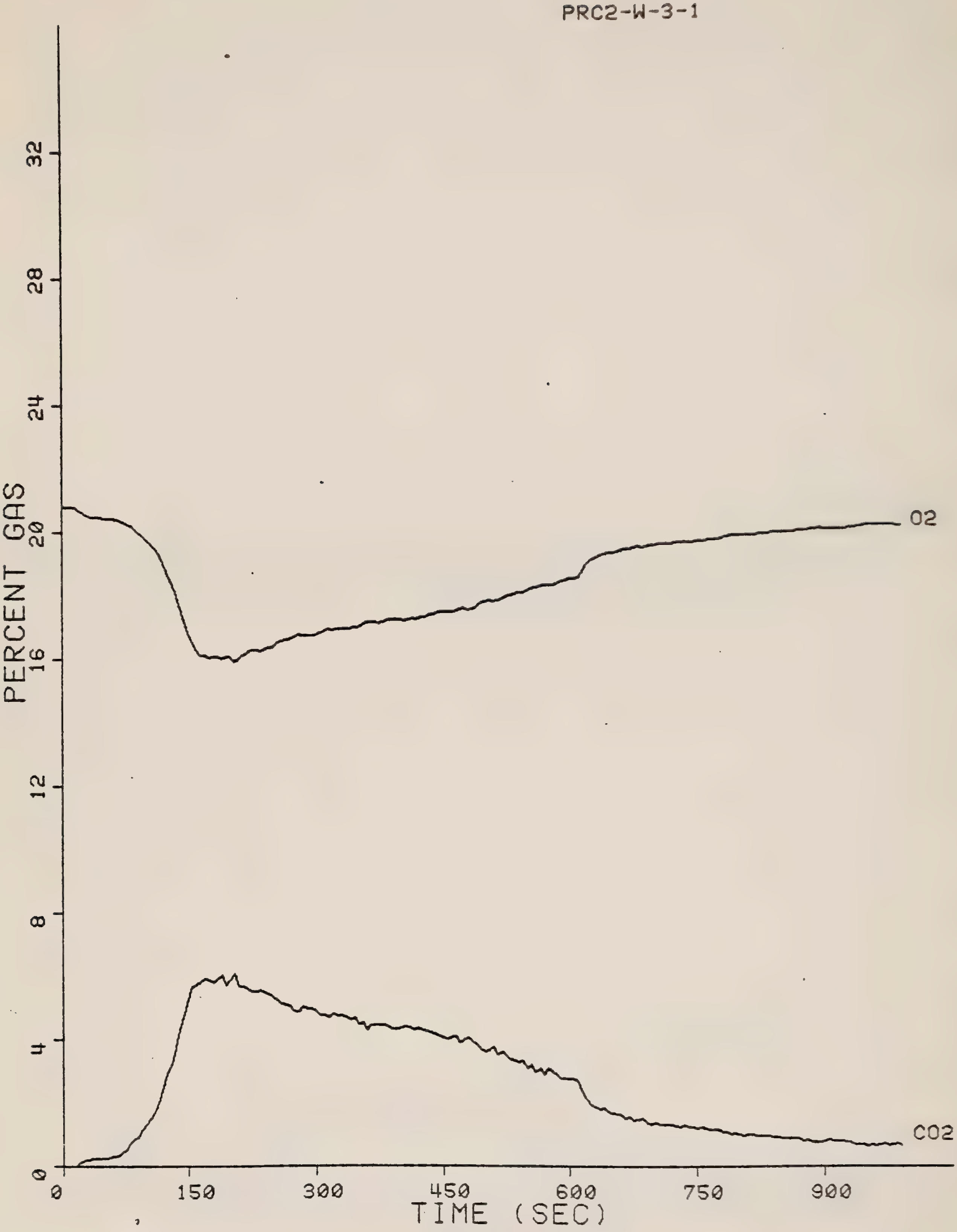
M is the molecular weight,

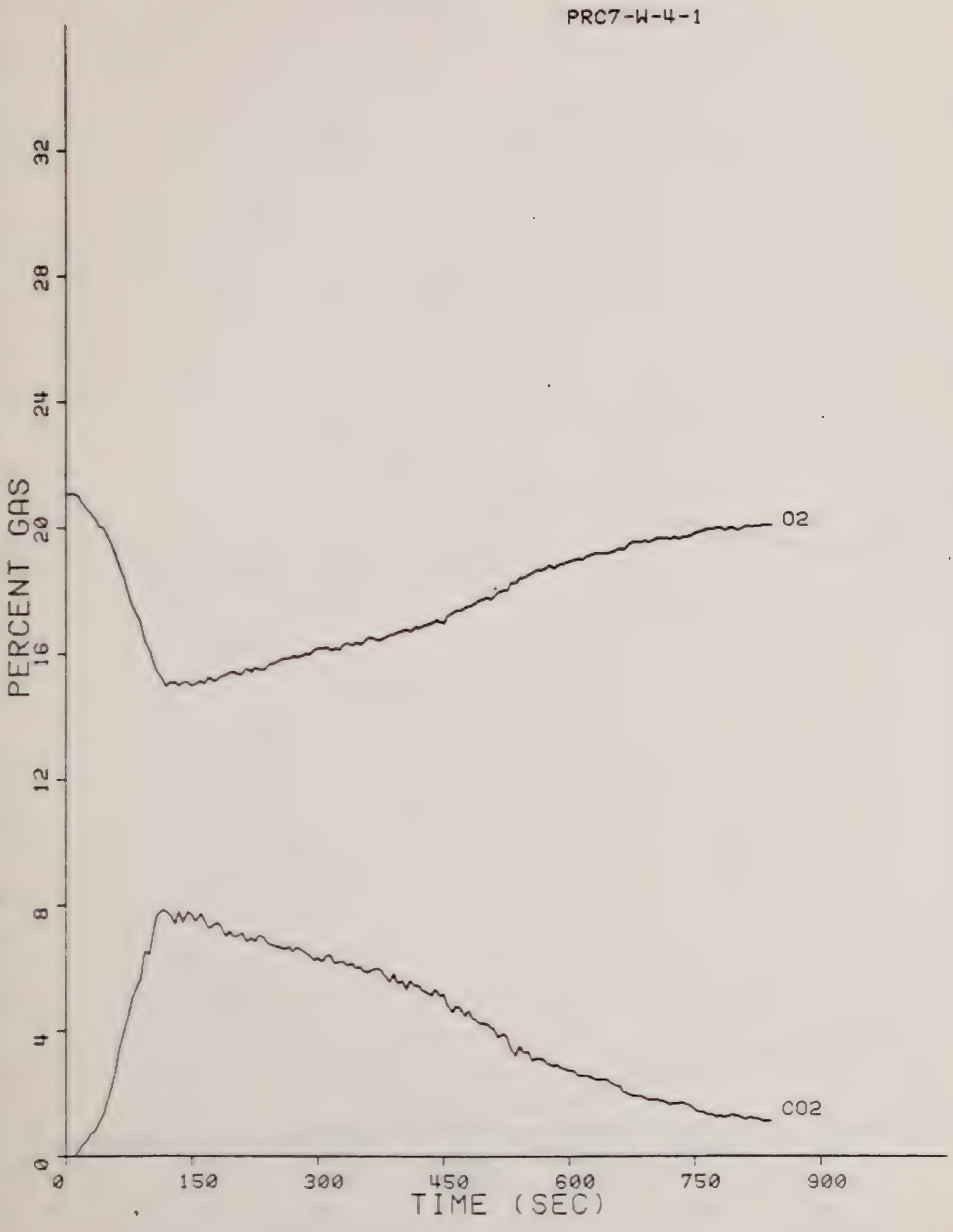
and ν is the stoichiometric coefficient,

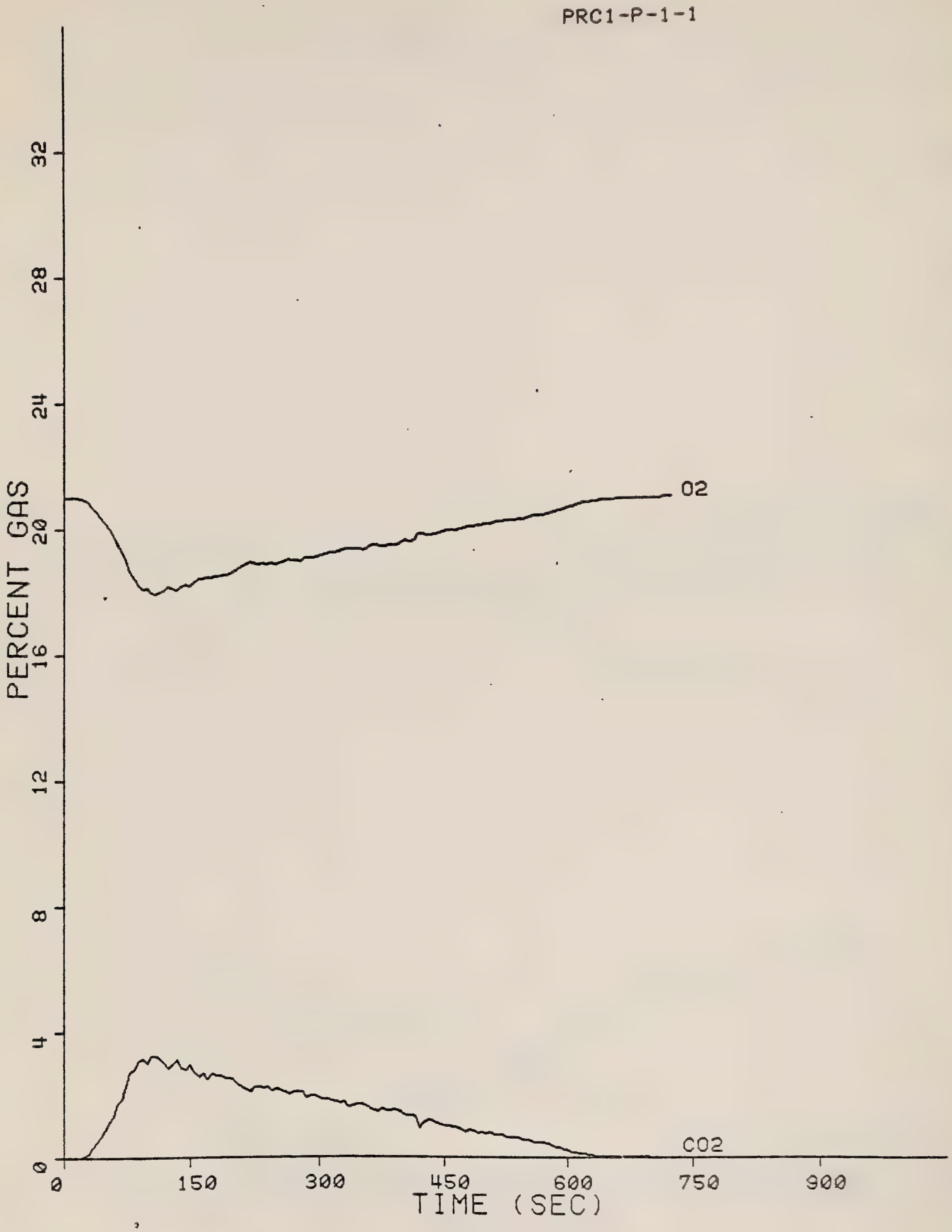
for the CO_2 and O_2 species respectively.

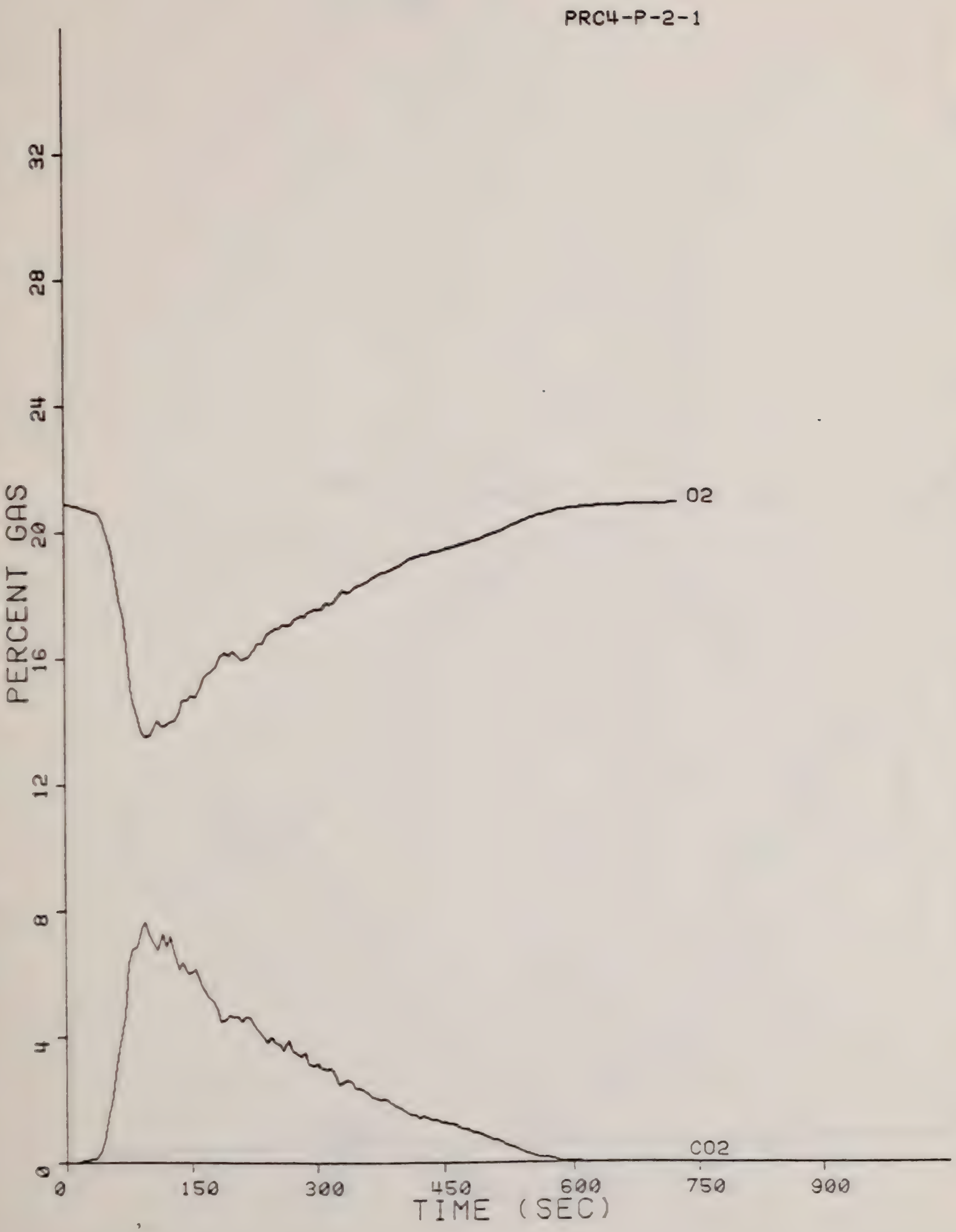

PRC3-W-1-1
PERCENT GAS
0
4
8
12
16
20
24
28
32
TIME (SEC)
0
150
300
450
600
750
900
O2
CO2


PRCS-W-2-1
PERCENT GAS
0
4
8
12
16
20
24
28
32
0
150
300
450
600
750
900
TIME (SEC)
O2
CO2

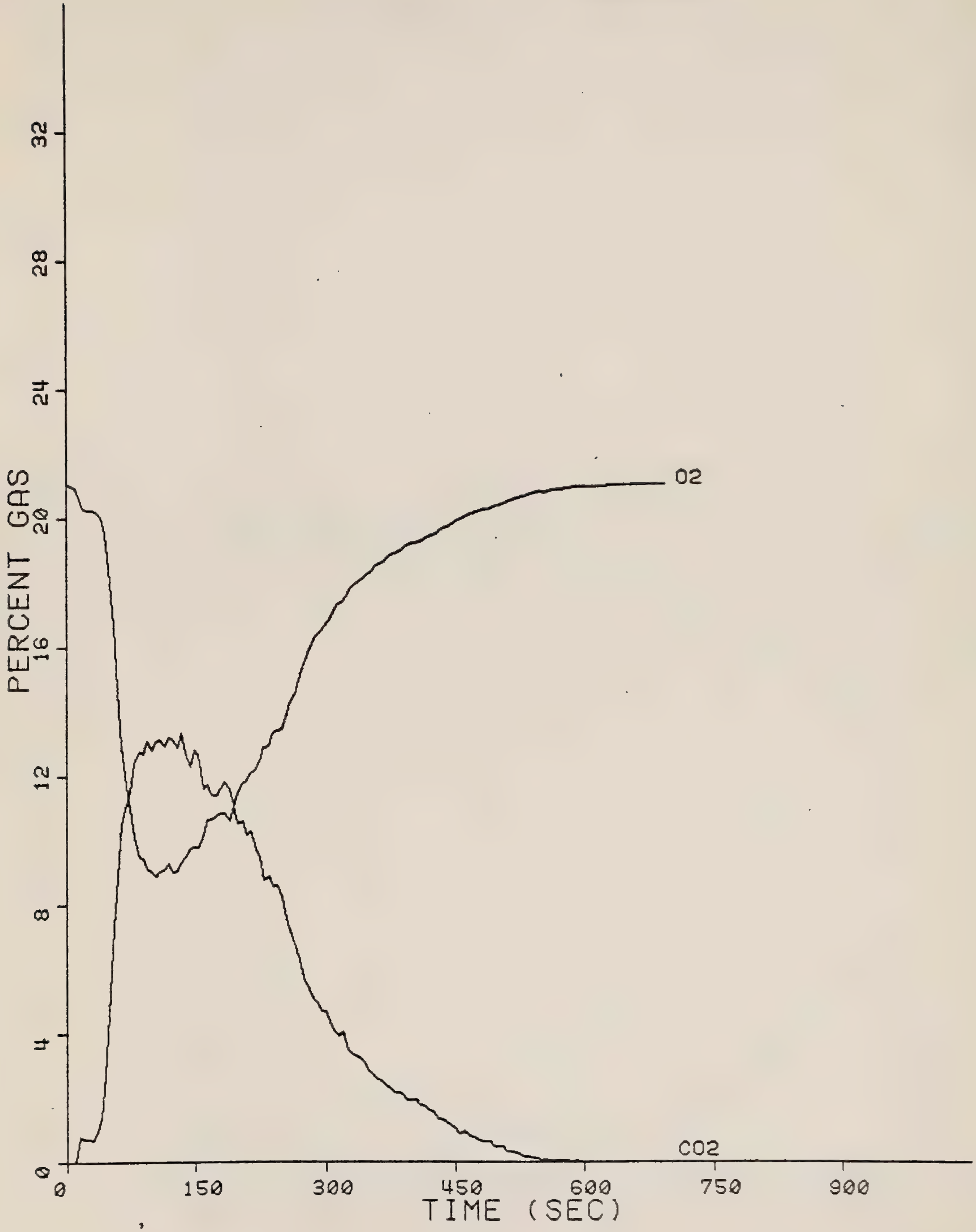

PRC2-W-3-1
PERCENT GAS
32
28
24
20
16
12
8
4
0
0
150
300
450
600
750
900
TIME (SEC)
O2
CO2

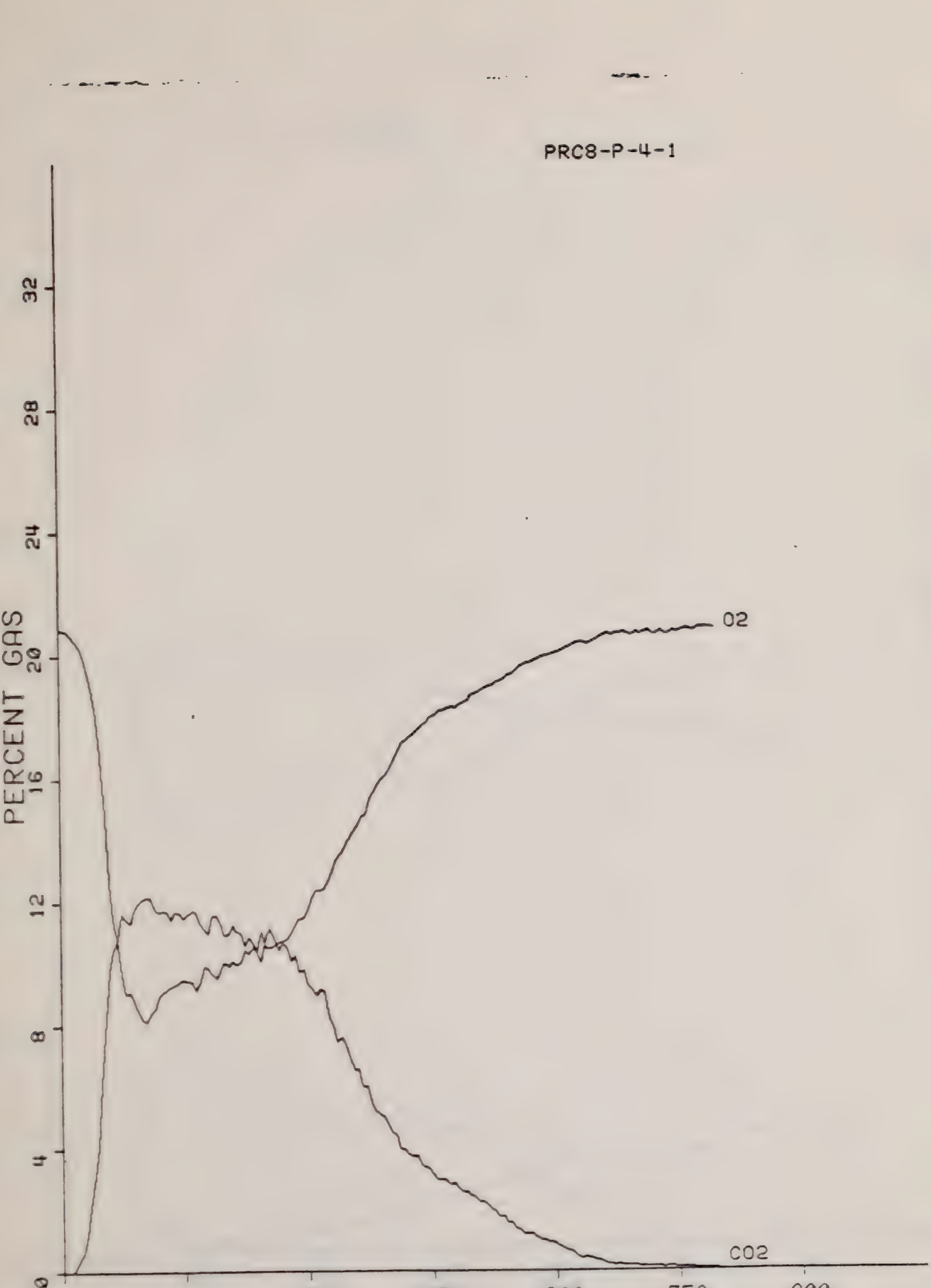

PRC7-W-4-1
PERCENT GAS
0
4
8
12
16
20
24
28
32
O2
CO2
0
150
300
450
600
750
900
TIME (SEC)

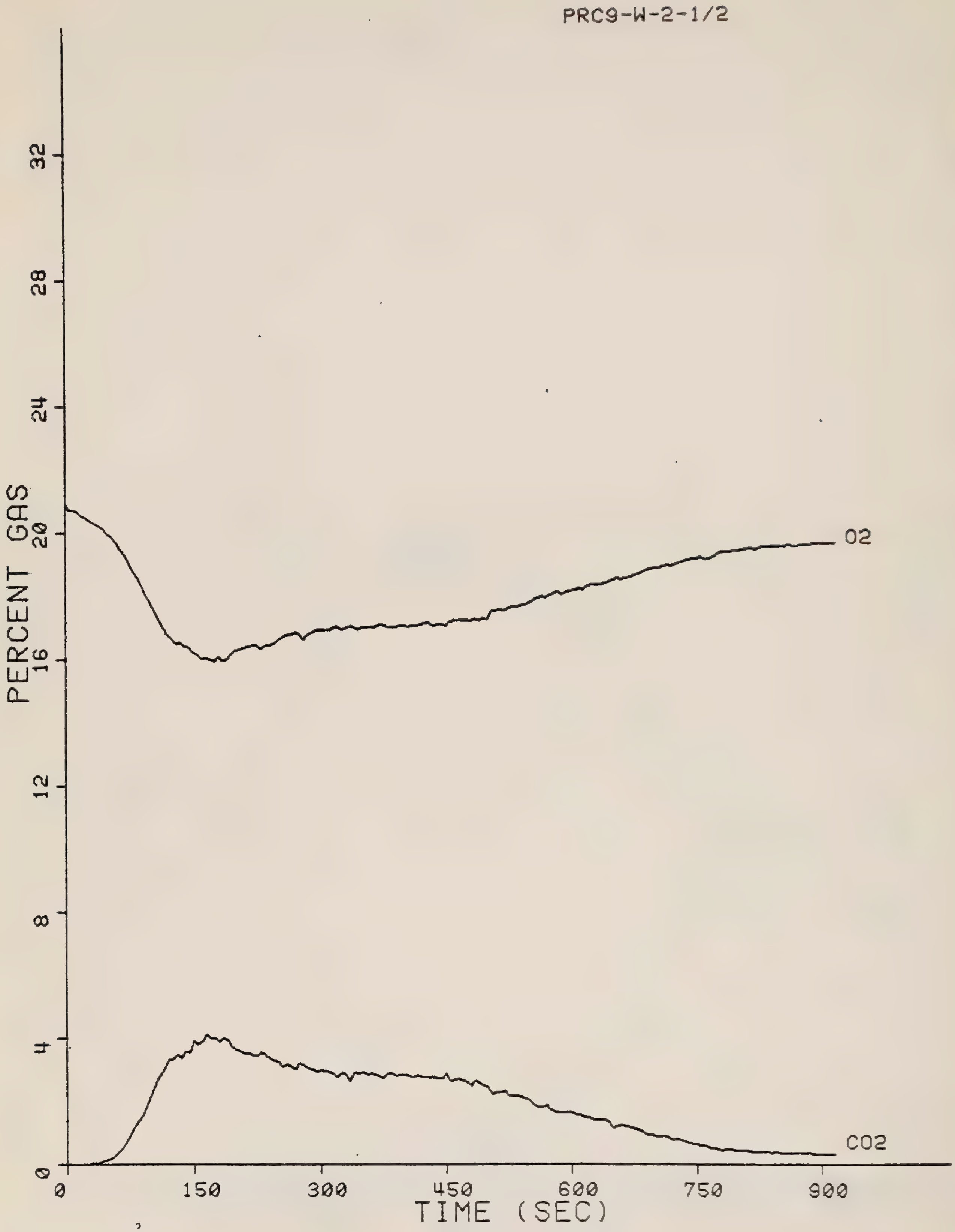

PRC1-P-1-1
PERCENT GAS
32
28
24
20
16
12
8
4
0
O2
CO2
0
150
300
450
600
750
900
TIME (SEC)


PRC4-P-2-1
PERCENT GAS
0
4
8
12
16
20
24
28
32
O2
CO2
0
150
300
450
600
750
900
TIME (SEC)

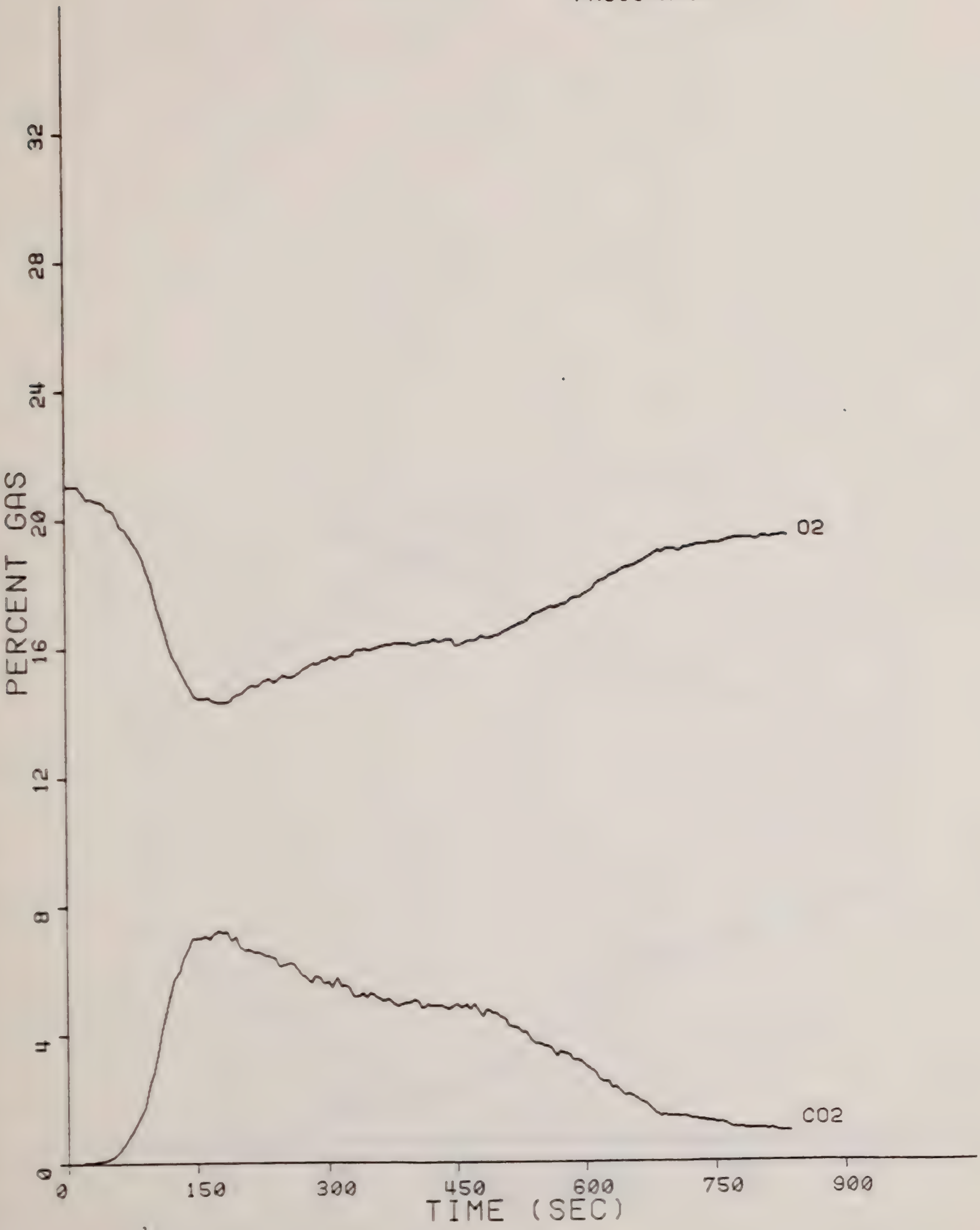
PRC6-P-3-1


PERCENT GAS
0
4
8
12
16
20
24
28
32
TIME (SEC)
0
150
300
450
600
750
900
O2
CO2

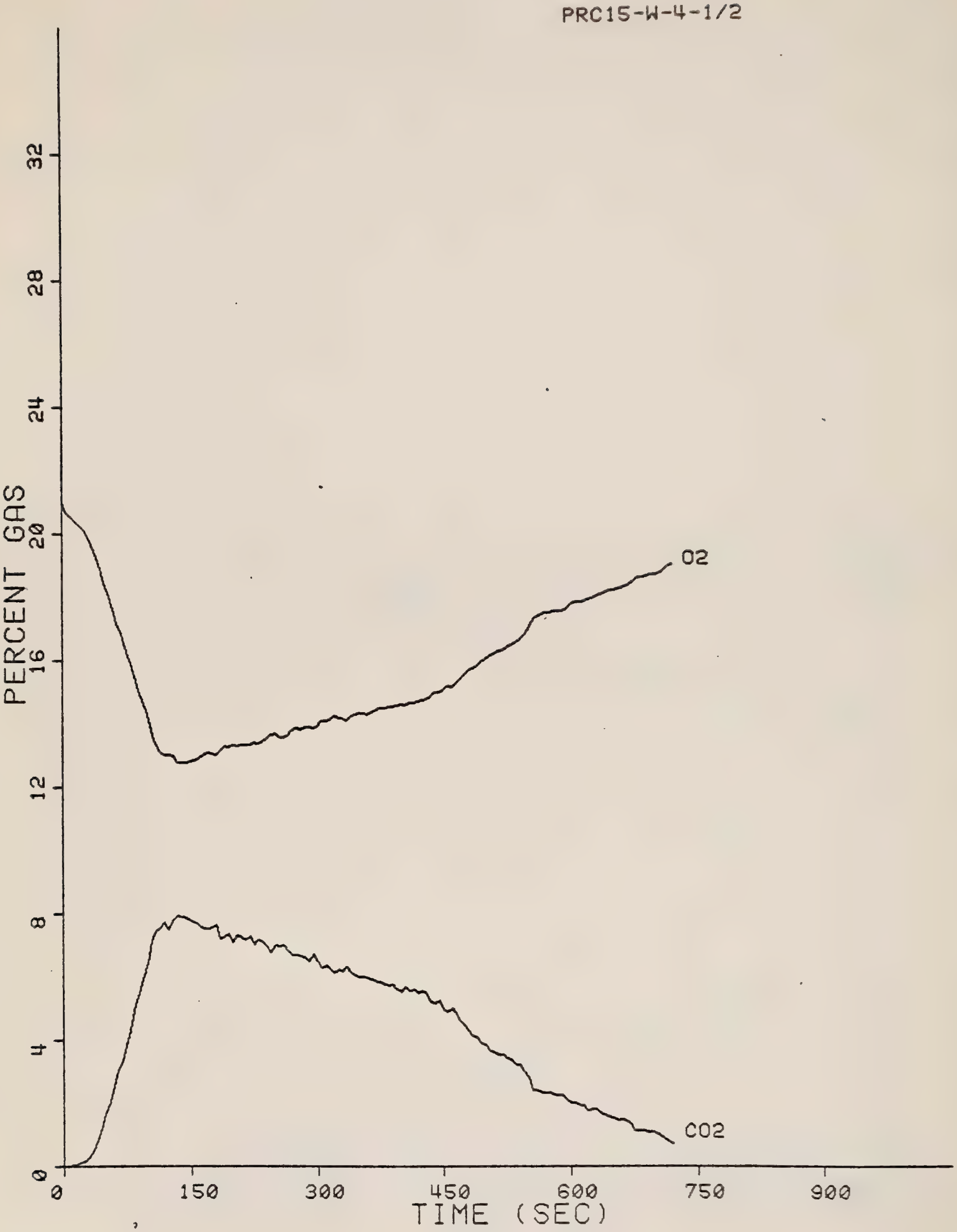

PRC8-P-4-1
PERCENT GAS
0
4
8
12
16
20
24
28
32
TIME (SEC)
0
150
300
450
600
750
900
O2
CO2

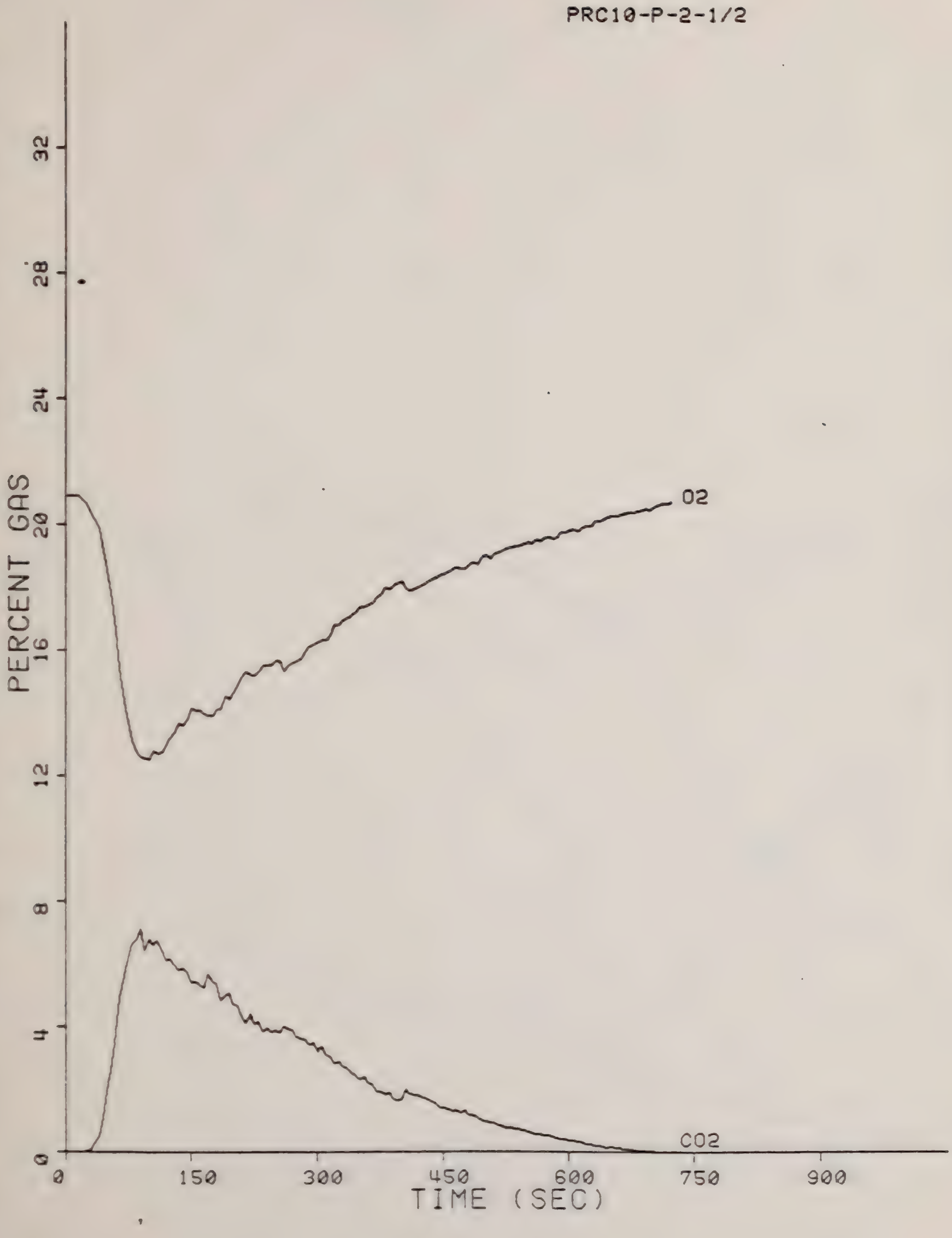

PRC9-W-2-1/2
PERCENT GAS
32
28
24
20
16
12
8
4
0
O2
CO2
0
150
300
450
600
750
900
TIME (SEC)

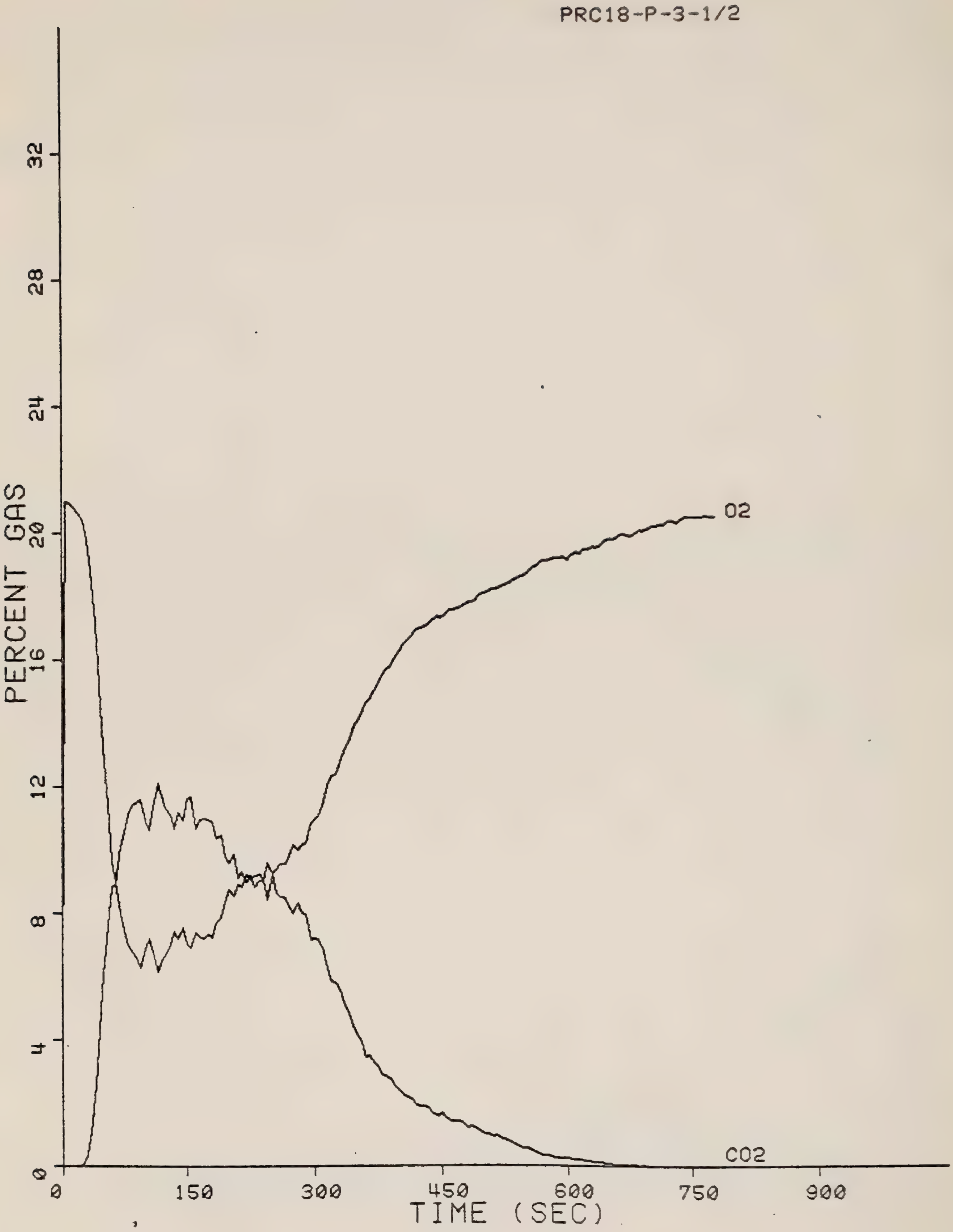
PRC11-W-3-1/2

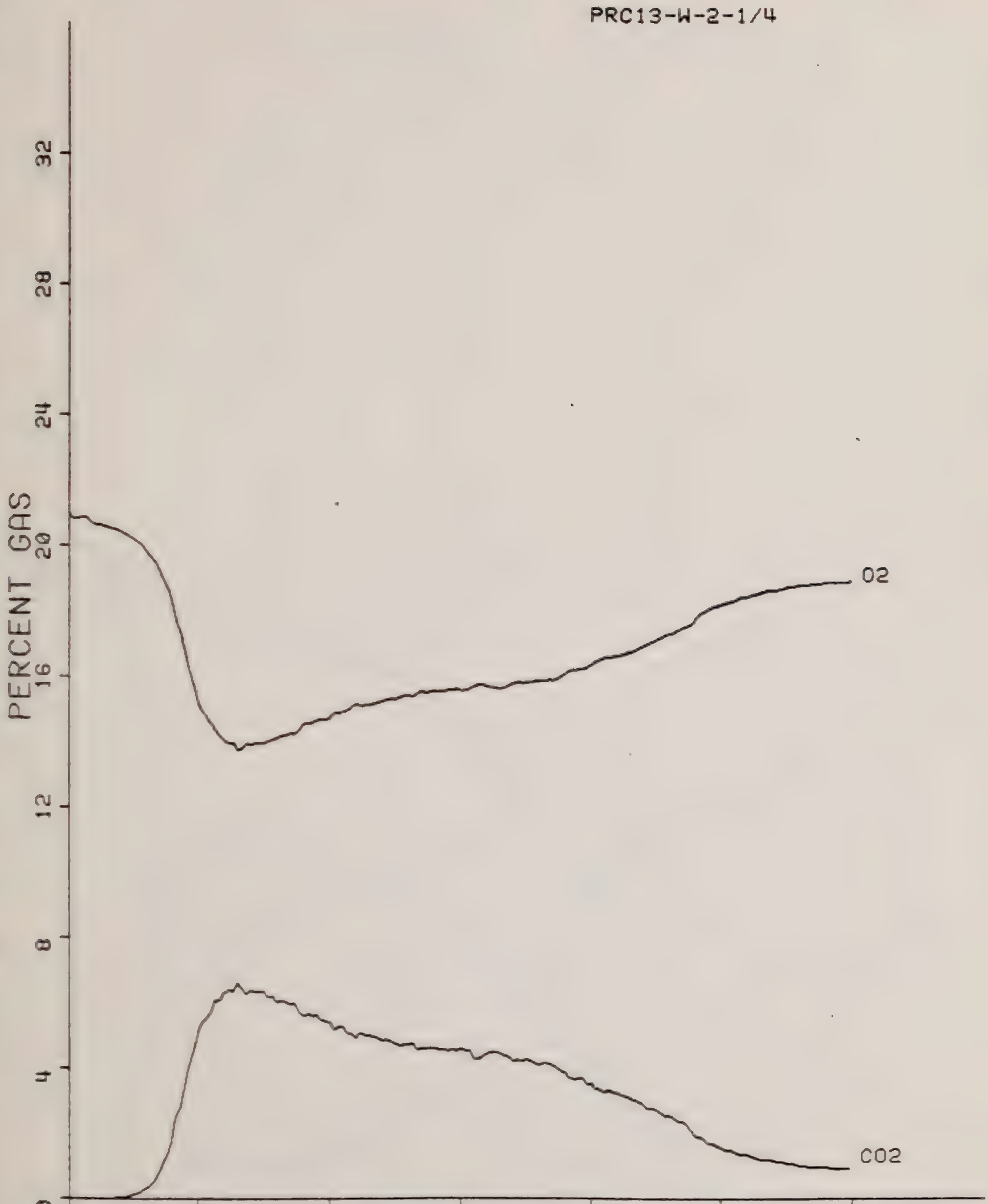


32
28
24
20
16
12
8
4
0
PERCENT GAS
O2
CO2
0
150
300
450
600
750
900
TIME (SEC)

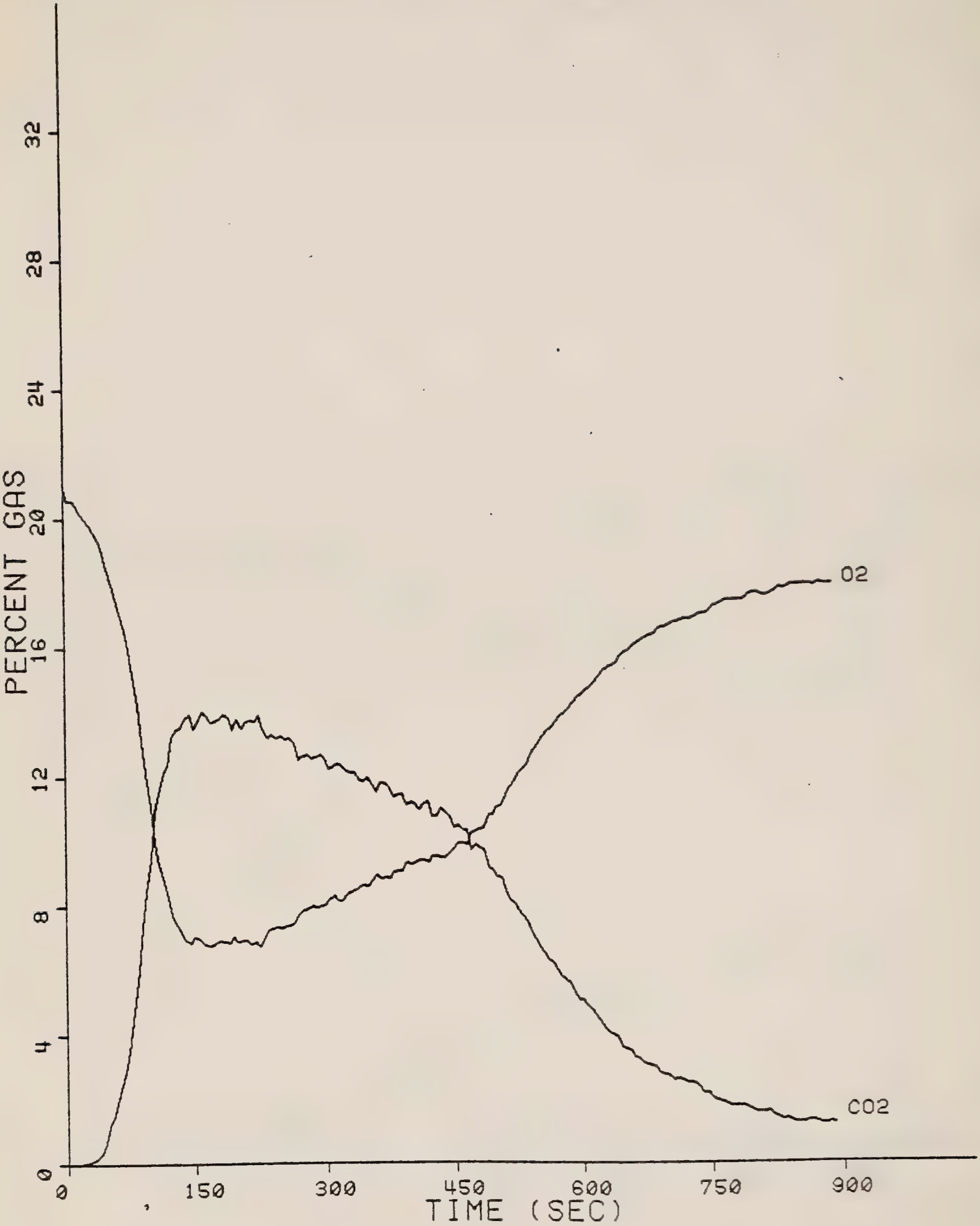

PRC15-W-4-1/2
PERCENT GAS
0
4
8
12
16
20
24
28
32
O2
CO2
0
150
300
450
600
750
900
TIME (SEC)

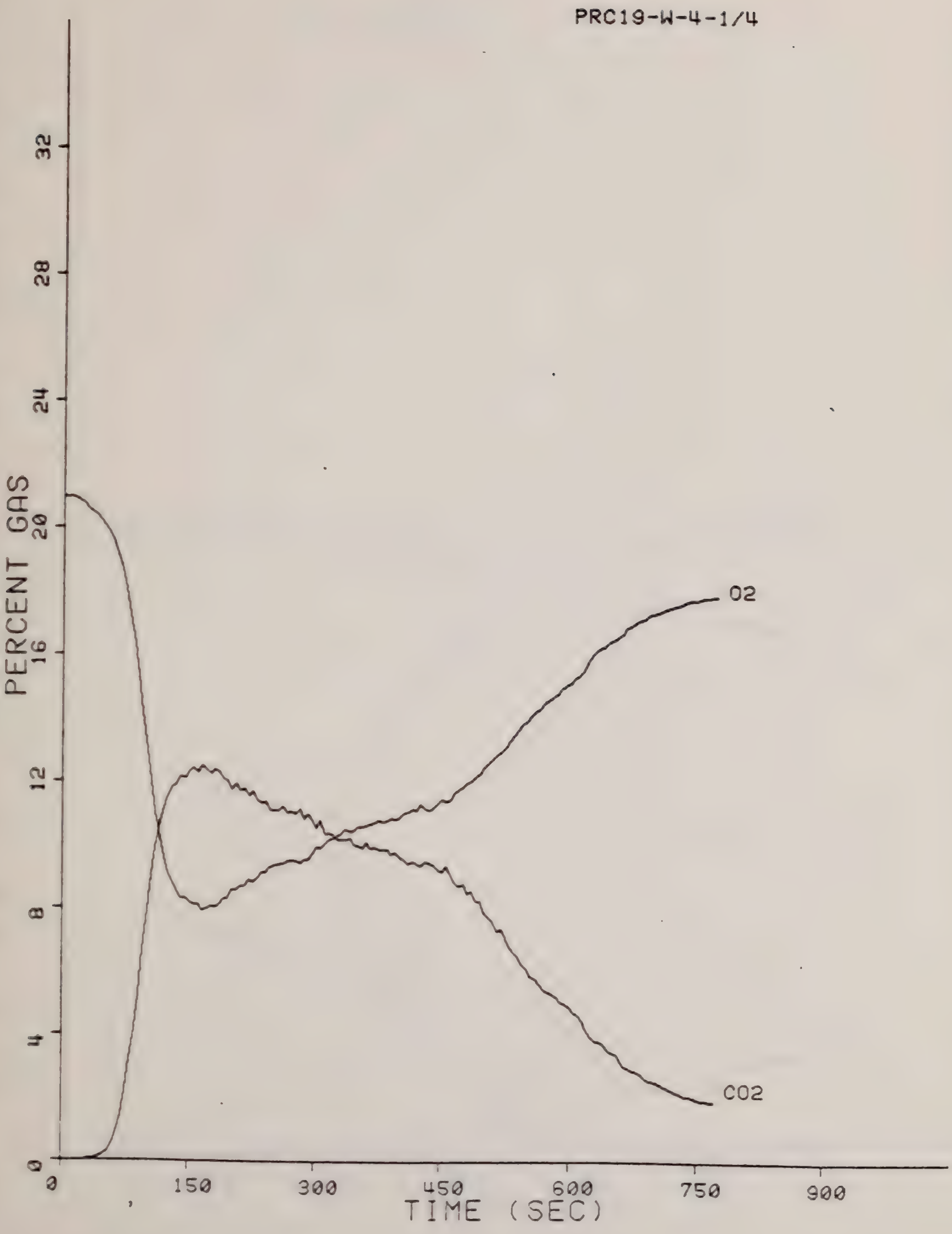

PRC10-P-2-1/2
PERCENT GAS
0
4
8
12
16
20
24
28
32
O2
CO2
0
150
300
450
600
750
900
TIME (SEC)

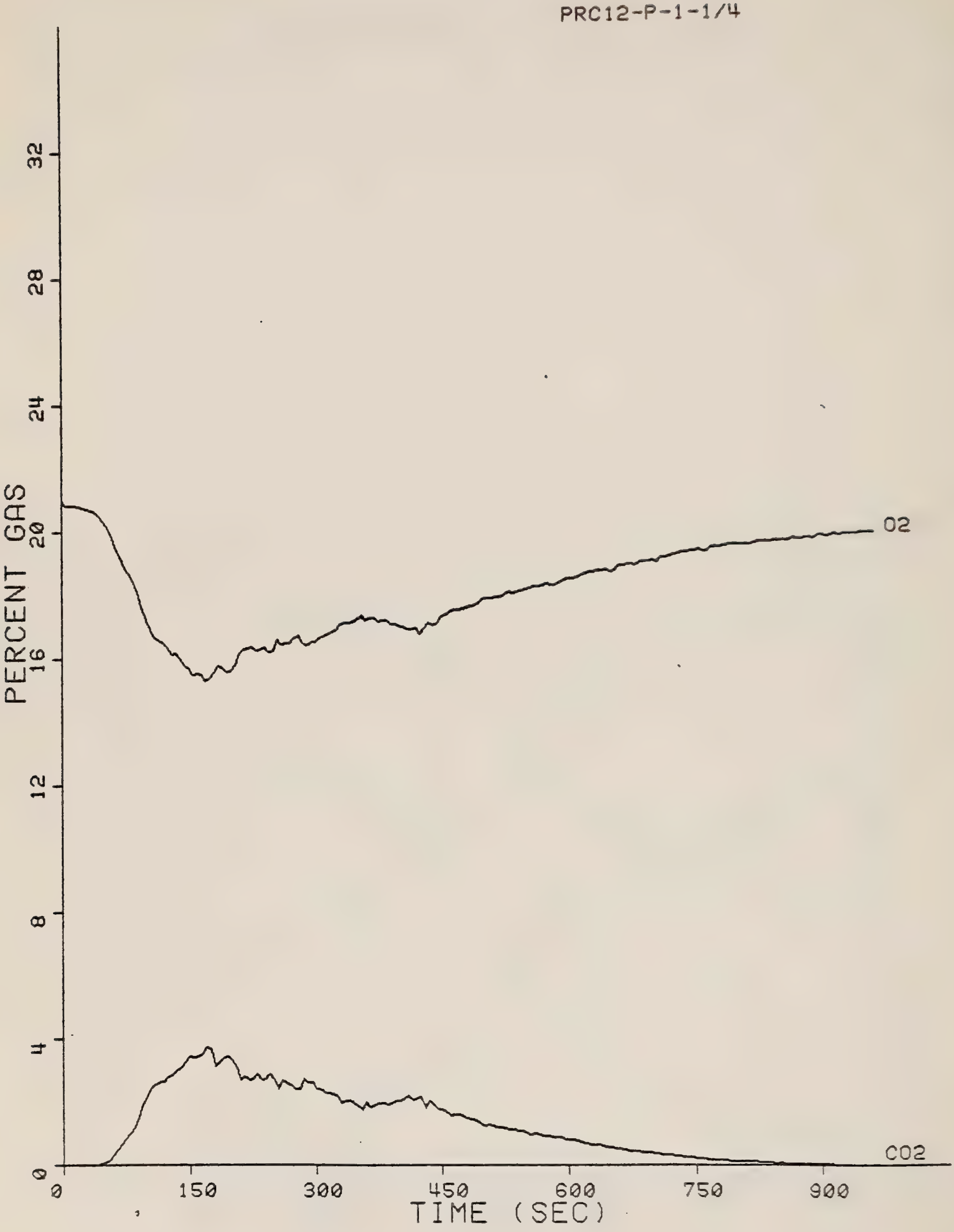

PRC18-P-3-1/2
PERCENT GAS
0
4
8
12
16
20
24
28
32
TIME (SEC)
0
150
300
450
600
750
900
O2
CO2

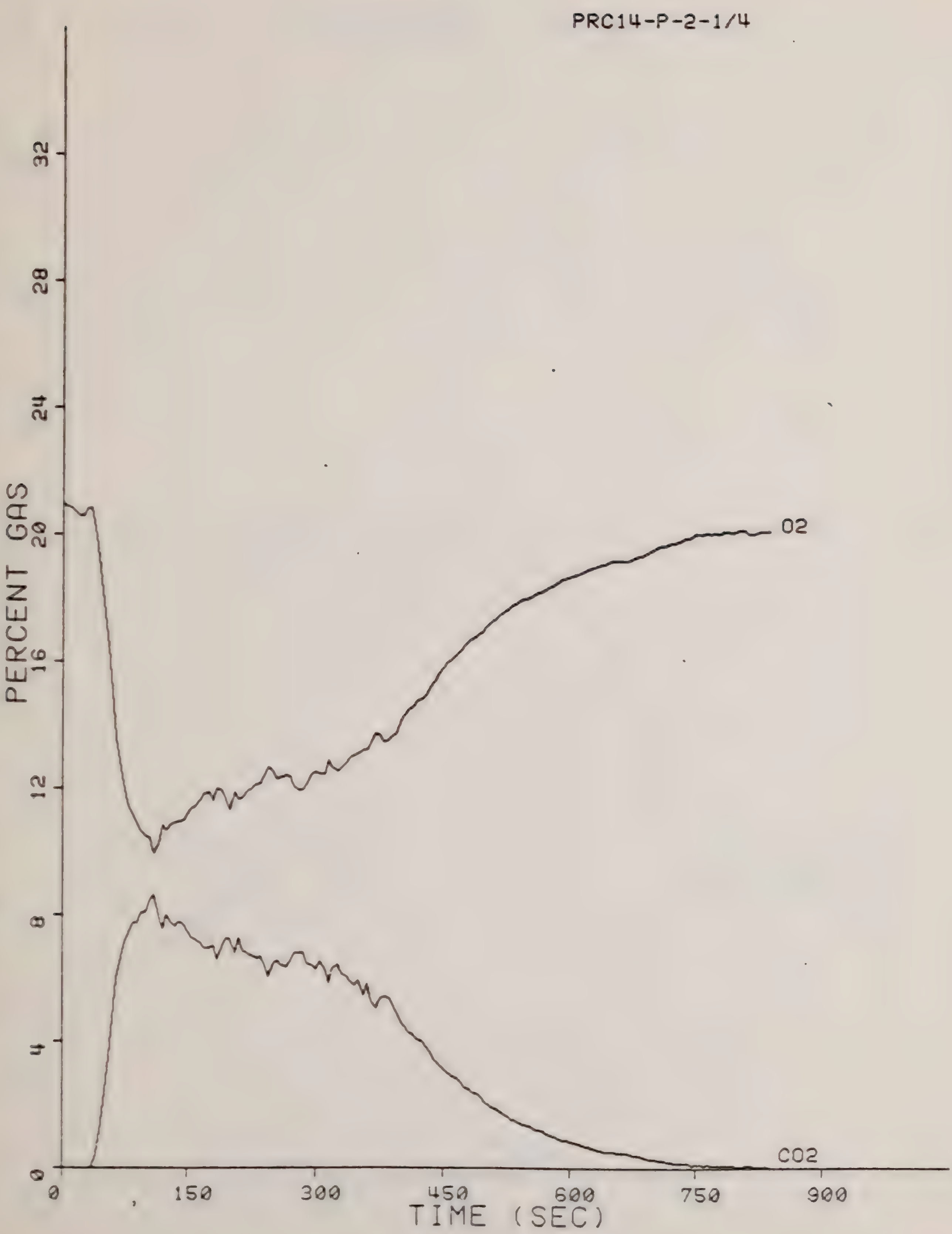

PRC13-W-2-1/4
PERCENT GAS
32
28
24
20
16
12
8
4
0
O2
CO2
0
150
300
450
600
750
900
TIME (SEC)

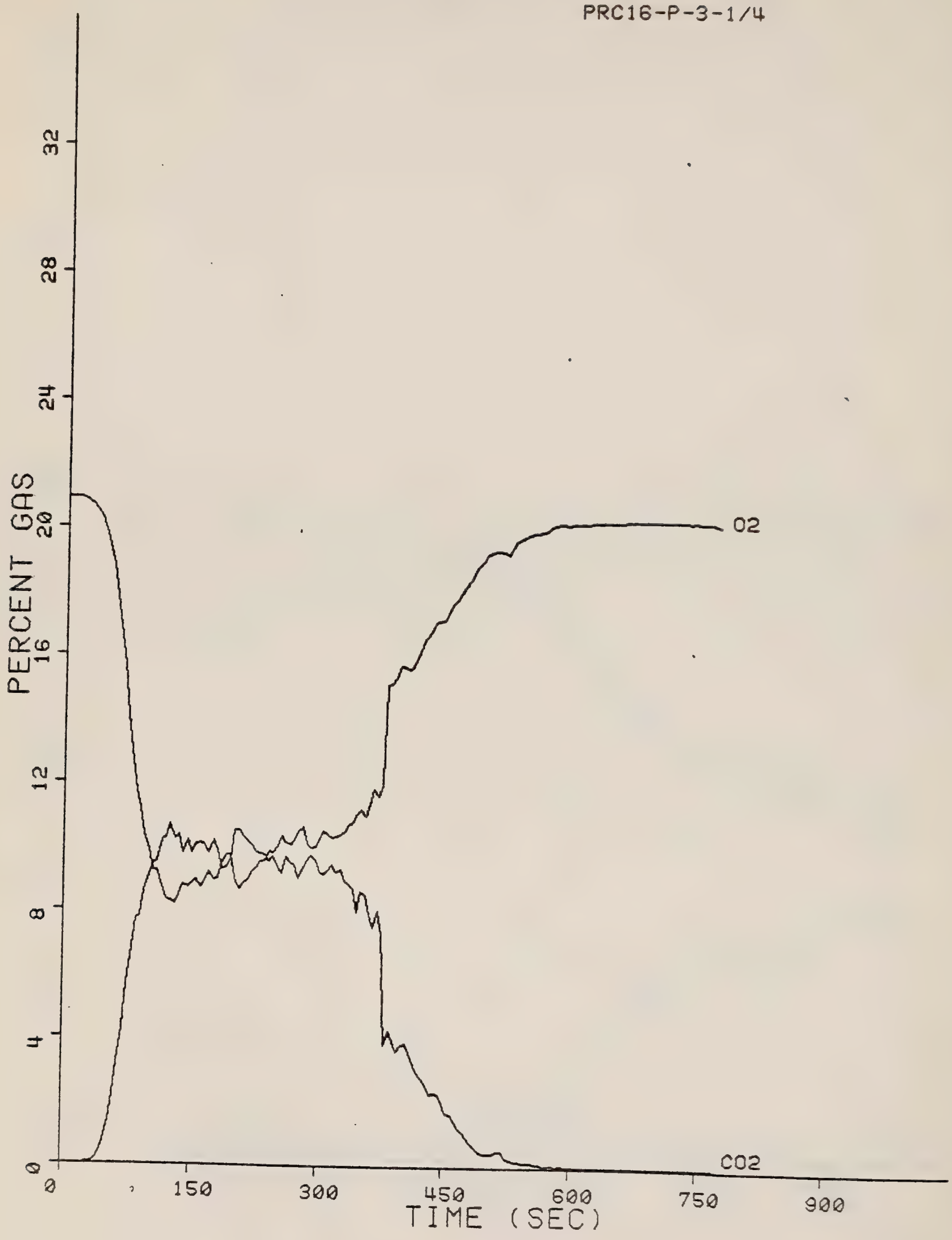
PRC17-W-4-1/4

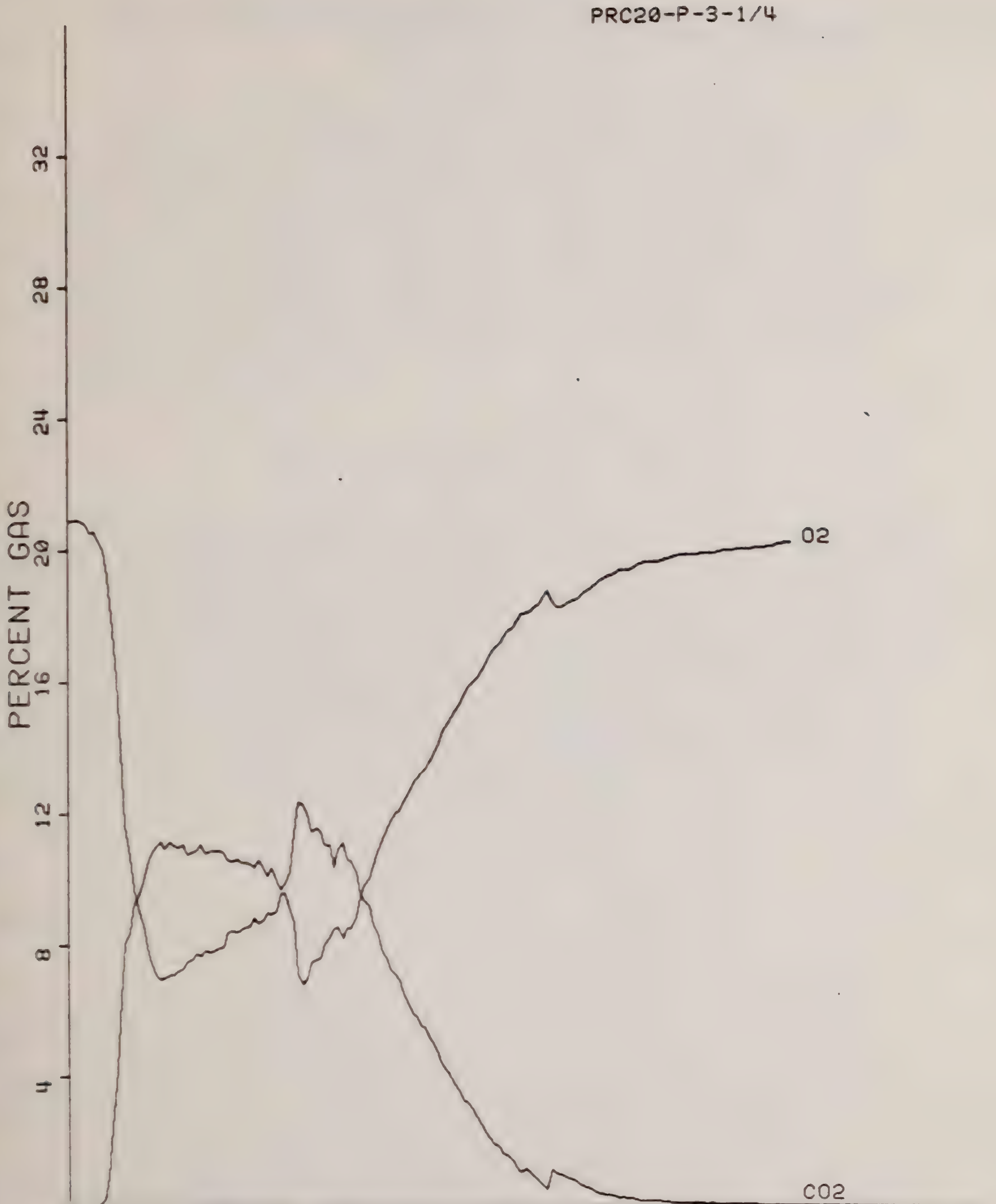

PERCENT GAS
0
4
8
12
16
20
24
28
32
0
150
300
450
600
750
900
TIME (SEC)
O2
CO2


PRC19-W-4-1/4
PERCENT GAS
0
4
8
12
16
20
24
28
32
TIME (SEC)
0
150
300
450
600
750
900
O2
CO2

PRC12-P-1-1/4
PERCENT GAS
32
28
24
20
16
12
8
4
0
O2
CO2
0
150
300
450
600
750
900
TIME (SEC)


PRC14-P-2-1/4
PERCENT GAS
32
28
24
20
16
12
8
4
0
0
150
300
450
600
750
900
TIME (SEC)
O2
CO2


PRC16-P-3-1/4
PERCENT GAS
0
4
8
12
16
20
24
28
32
O2
CO2
0
150
300
450
600
750
900
TIME (SEC)


PRC20-P-3-1/4
PERCENT GAS
32
28
24
20
16
12
8
4
0
0
150
300
450
600
750
900
TIME (SEC)
O2
CO2

11. REFERENCES

[1] Quintiere, J. G. and McCaffrey, B. J., The Burning of Wood and Plastic Cribs in an Enclosure, Volume I.

APPENDIX A

EXERCISE IN AVERAGING

Analysis of fire data often requires some type of time averaging. As an illustration the static pressure data from PRC-1-P-1 were averaged by several methods and these results are given here. Figures A-1 through A-6 show the raw data as recorded every 5 seconds. These are continuous plots through these discrete data points. Figures A-7 through A-11 display continuous plots of various running average operations applied to the raw data. The general averaging formula is given as

$$\bar{p}\left(t_1 + m\,\Delta t\right) = \frac{1}{N\Delta t} \int_{t_1}^{t_1 + N\Delta t} p(t)\,dt$$

where $\Delta t = 5$ seconds, and the integral is evaluated by a quadrature rule for the discrete data $p(t)$ over the interval $N\Delta t$. In figure A-7, $N = m = 10$ and the integral is evaluated by a rectangular rule. In figures A-8 through A-11, N is 5, 10, 15 and 20 respectively, and the integral is evaluated by the trapezodial rule. In each of these cases m was selected such that $\bar{p}$ was evaluated each time at the center of the interval $N\Delta t$.

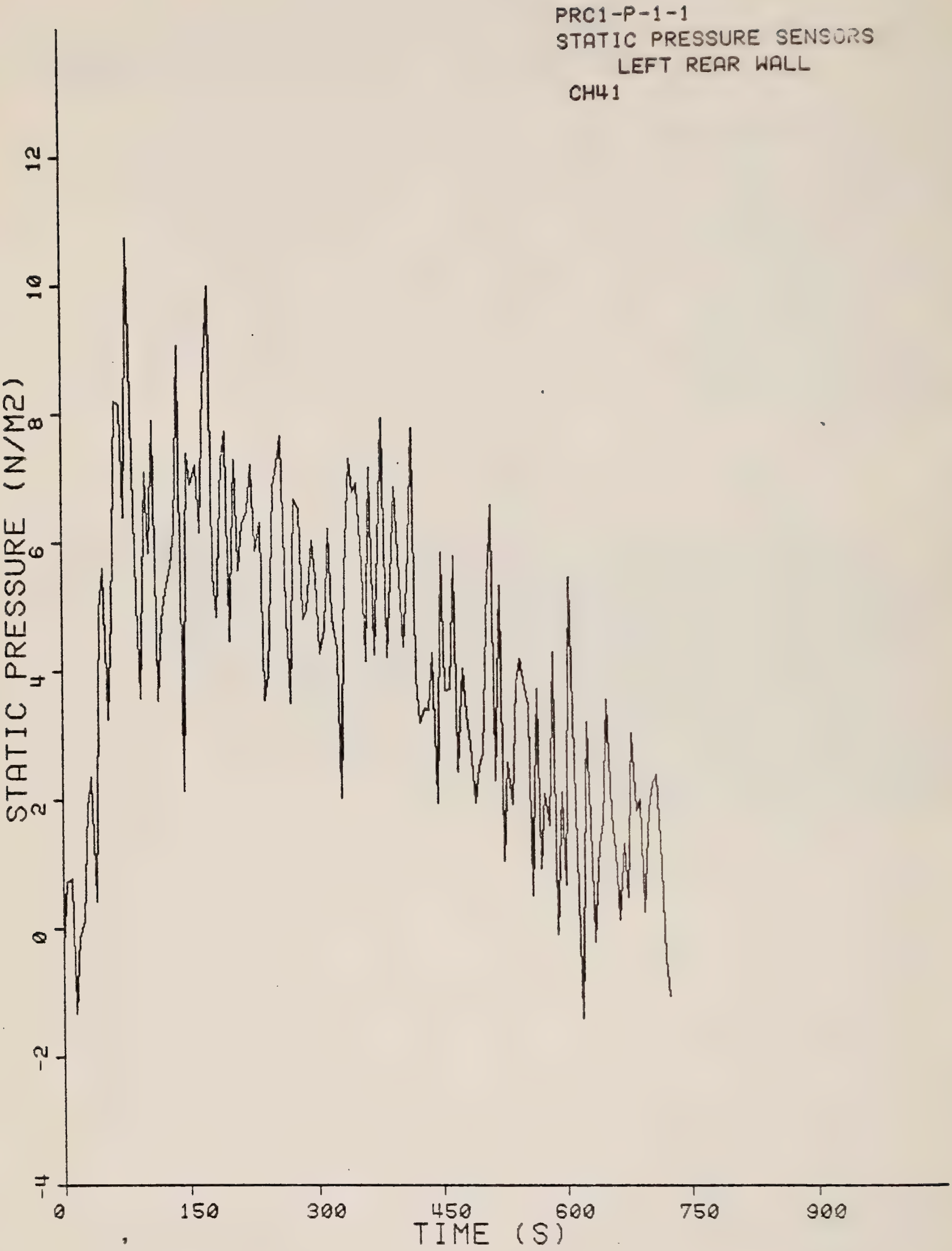
PRC1-P-1-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
CH41
STATIC PRESSURE (N/M2)
-4
-2
0
2
4
6
8
10
12
0
150
300
450
600
750
900
TIME (S)

Figure A-1

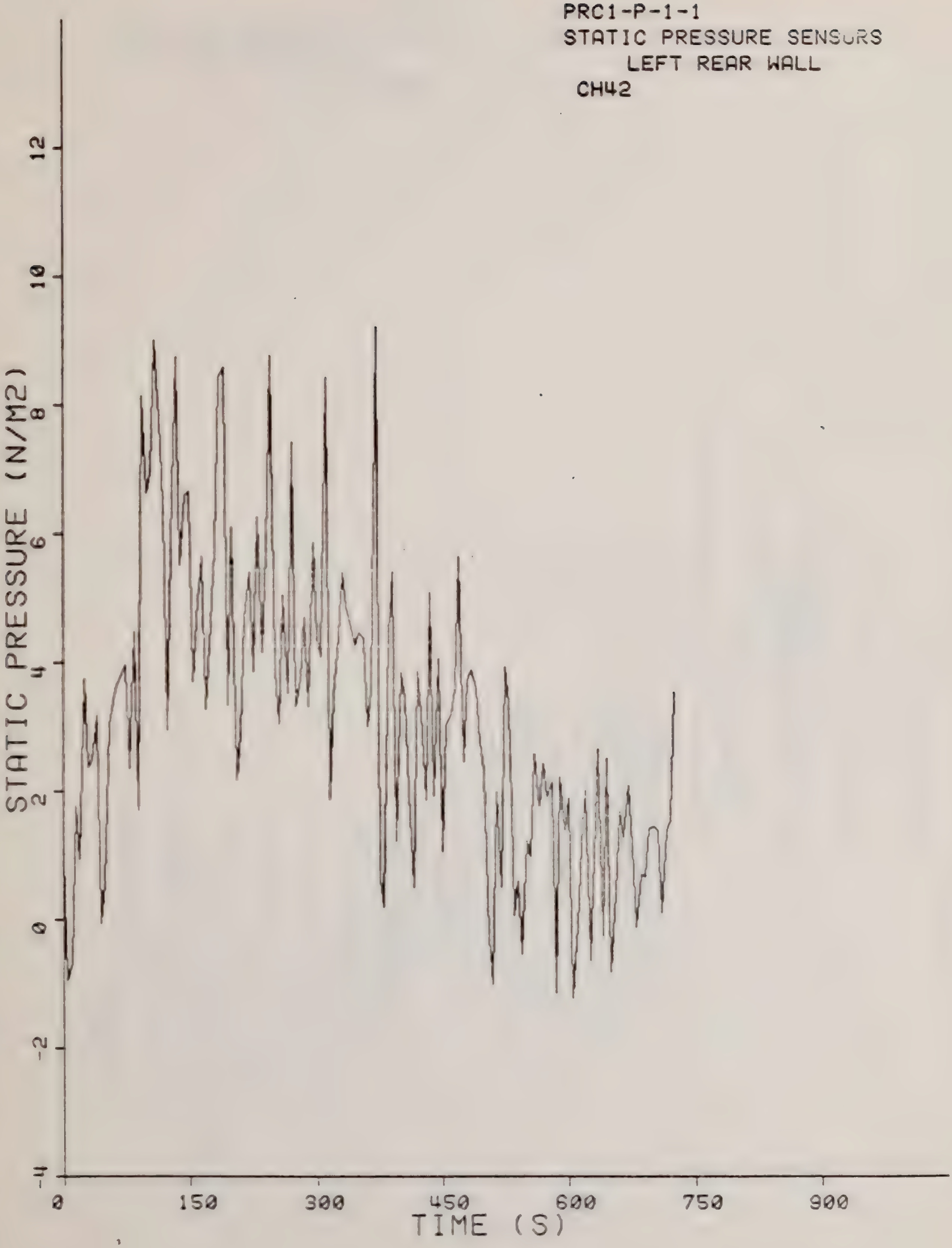

PRC1-P-1-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
CH42
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

Figure A-2

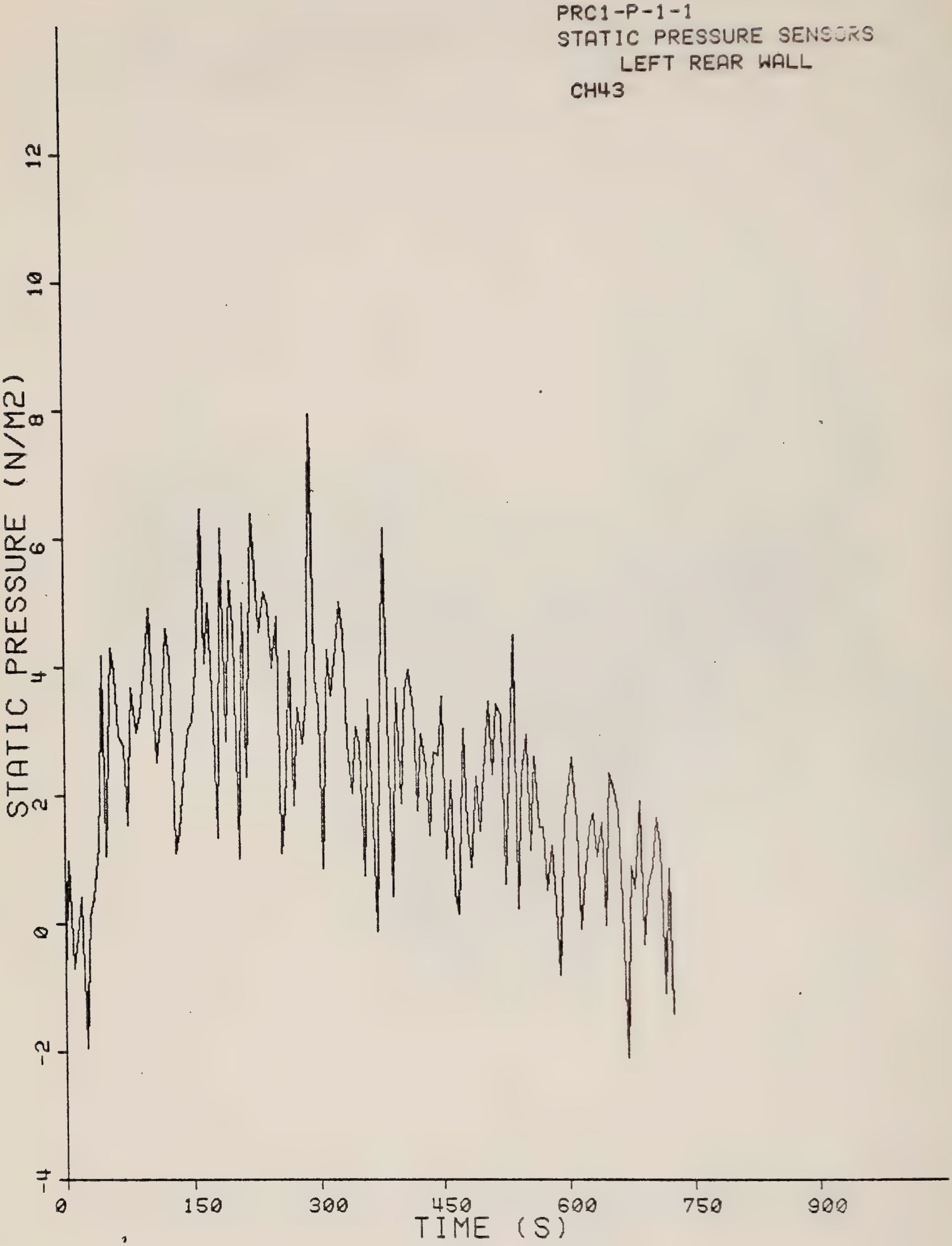

PRC1-P-1-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
CH43
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

Figure A-3

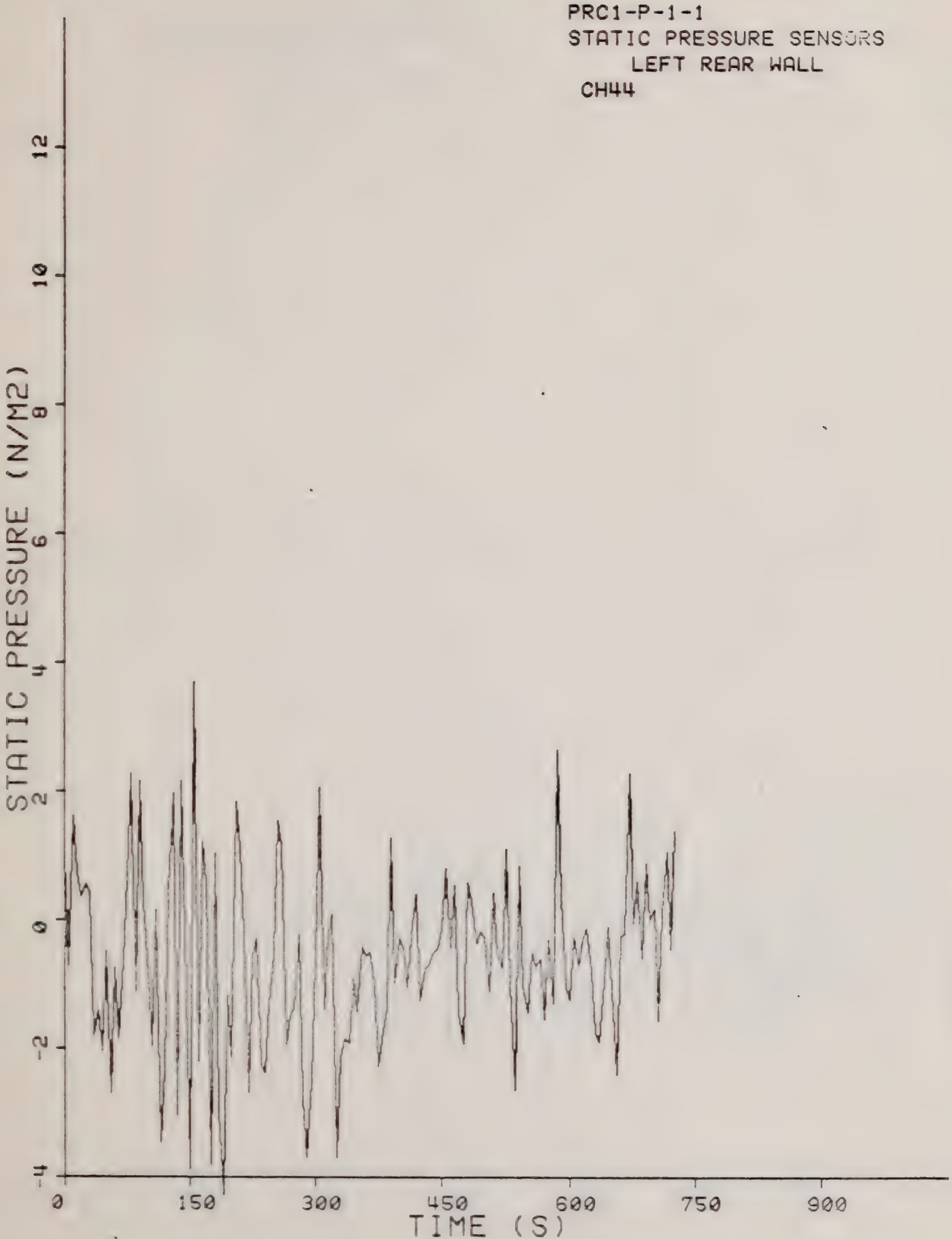

PRC1-P-1-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
CH44
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

Figure A-4

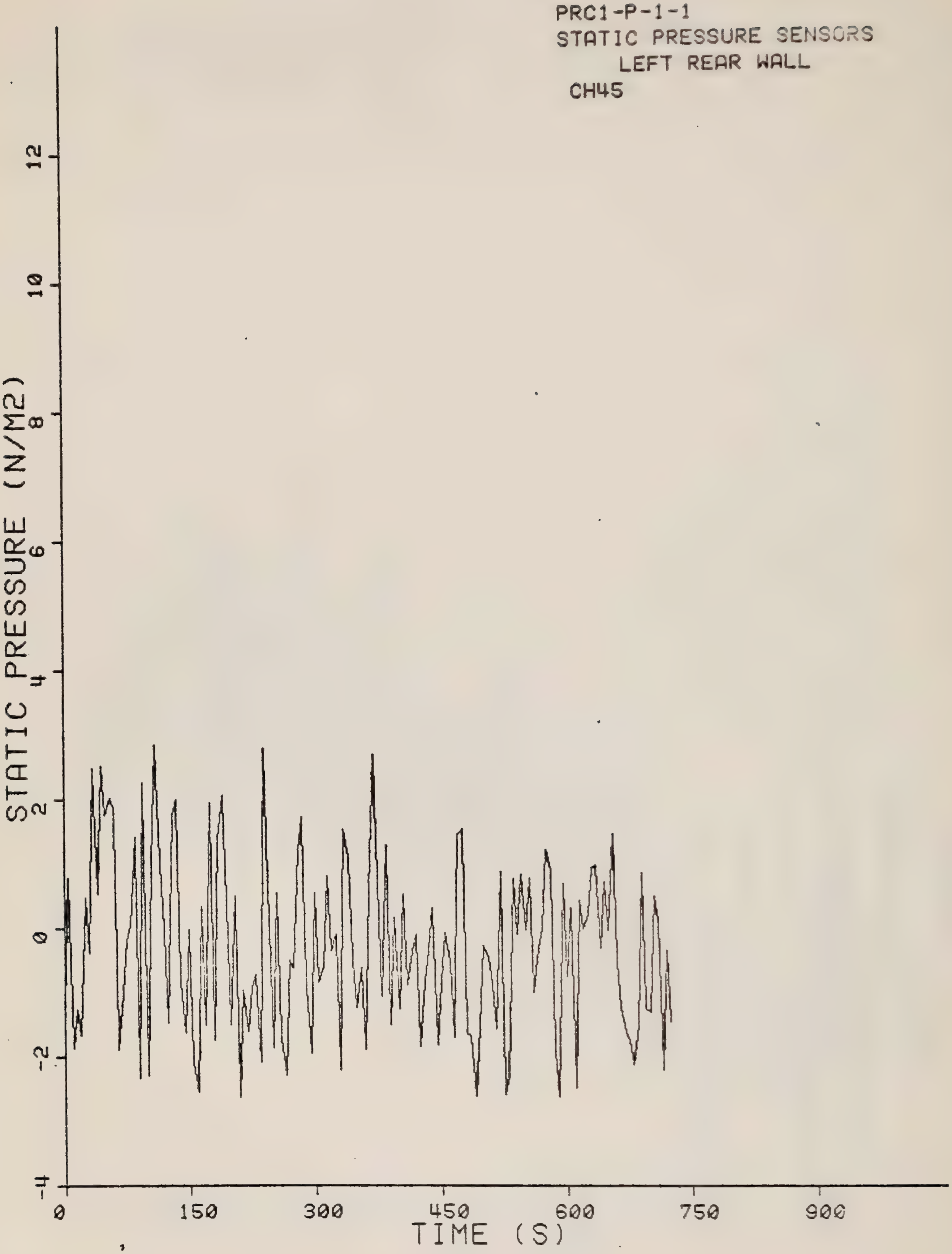

PRC1-P-1-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
CH45
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

Figure A-5

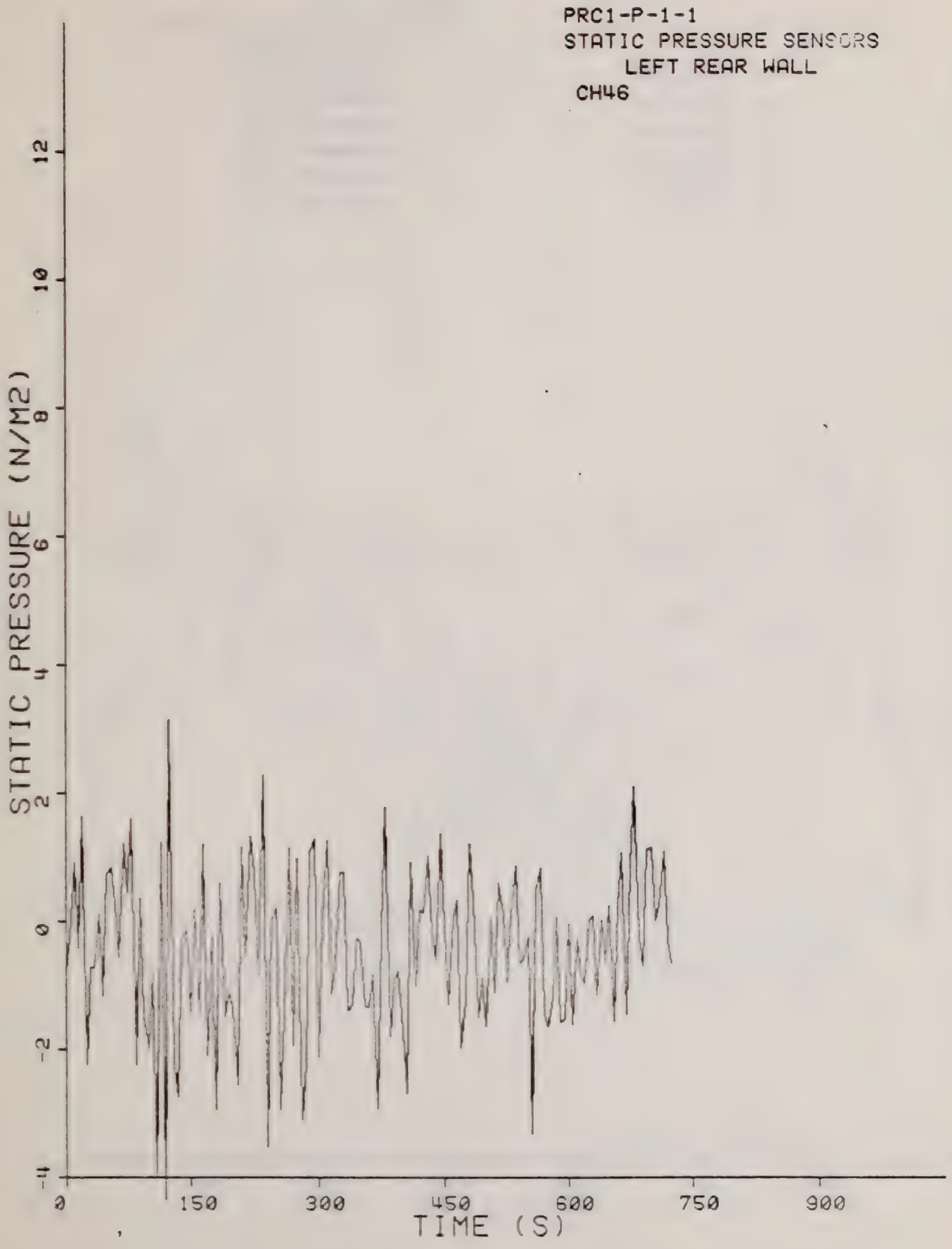

PRC1-P-1-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
CH46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

Figure A-6

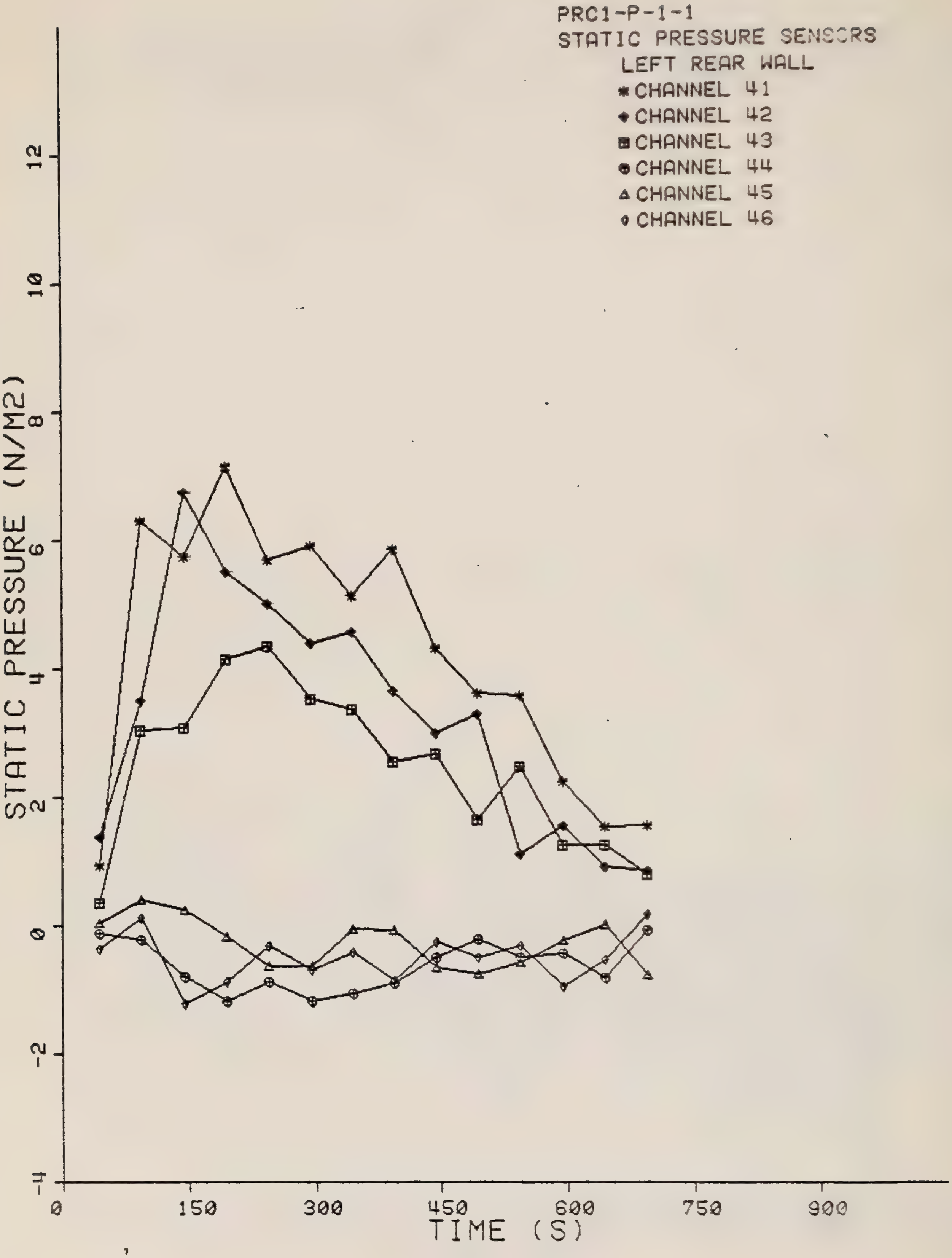

PRC1-P-1-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
✱ CHANNEL 41
◆ CHANNEL 42
⊞ CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
◊ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

Figure A-7

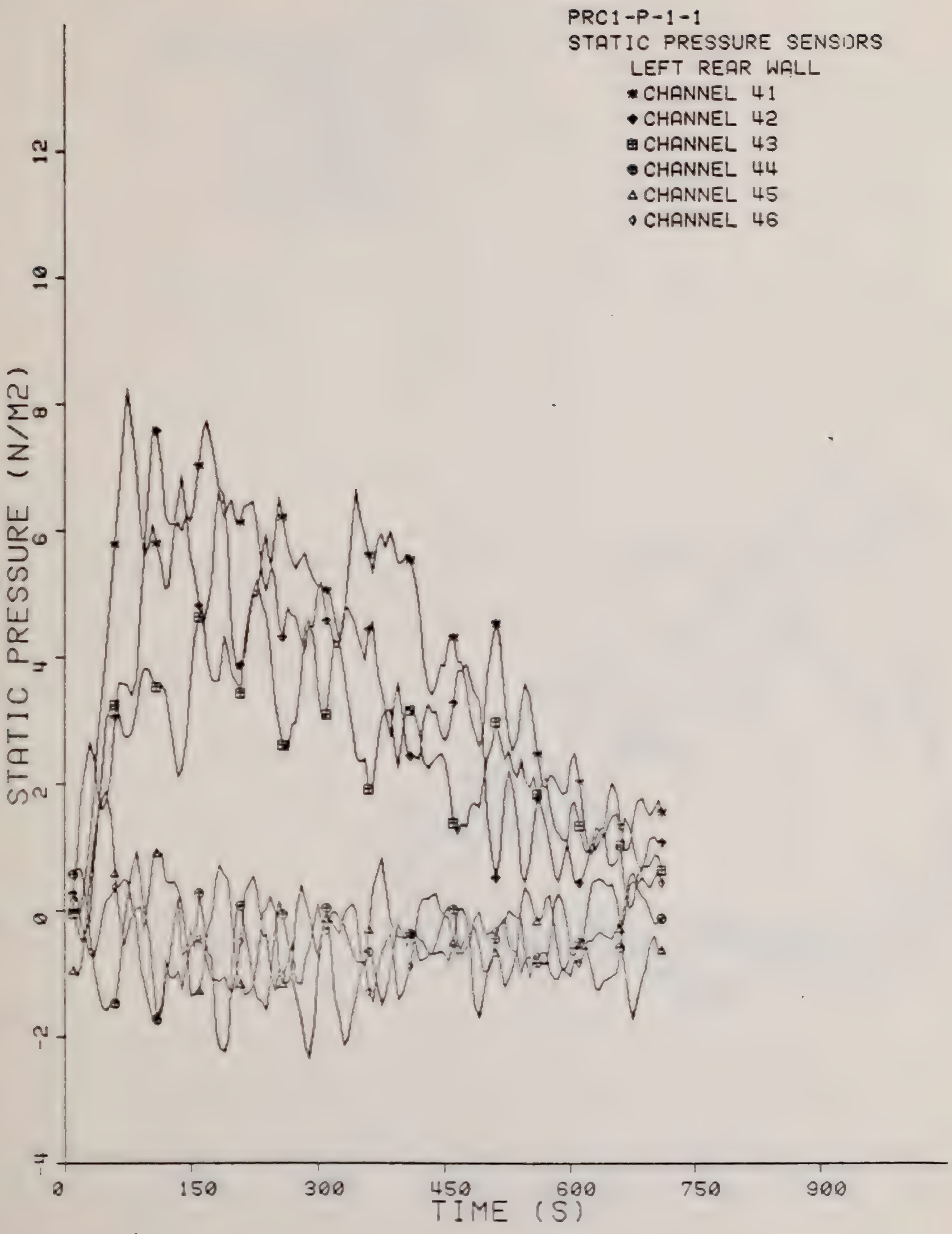

PRC1-P-1-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
✱ CHANNEL 41
◆ CHANNEL 42
⊞ CHANNEL 43
● CHANNEL 44
△ CHANNEL 45
◊ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

Figure A-8

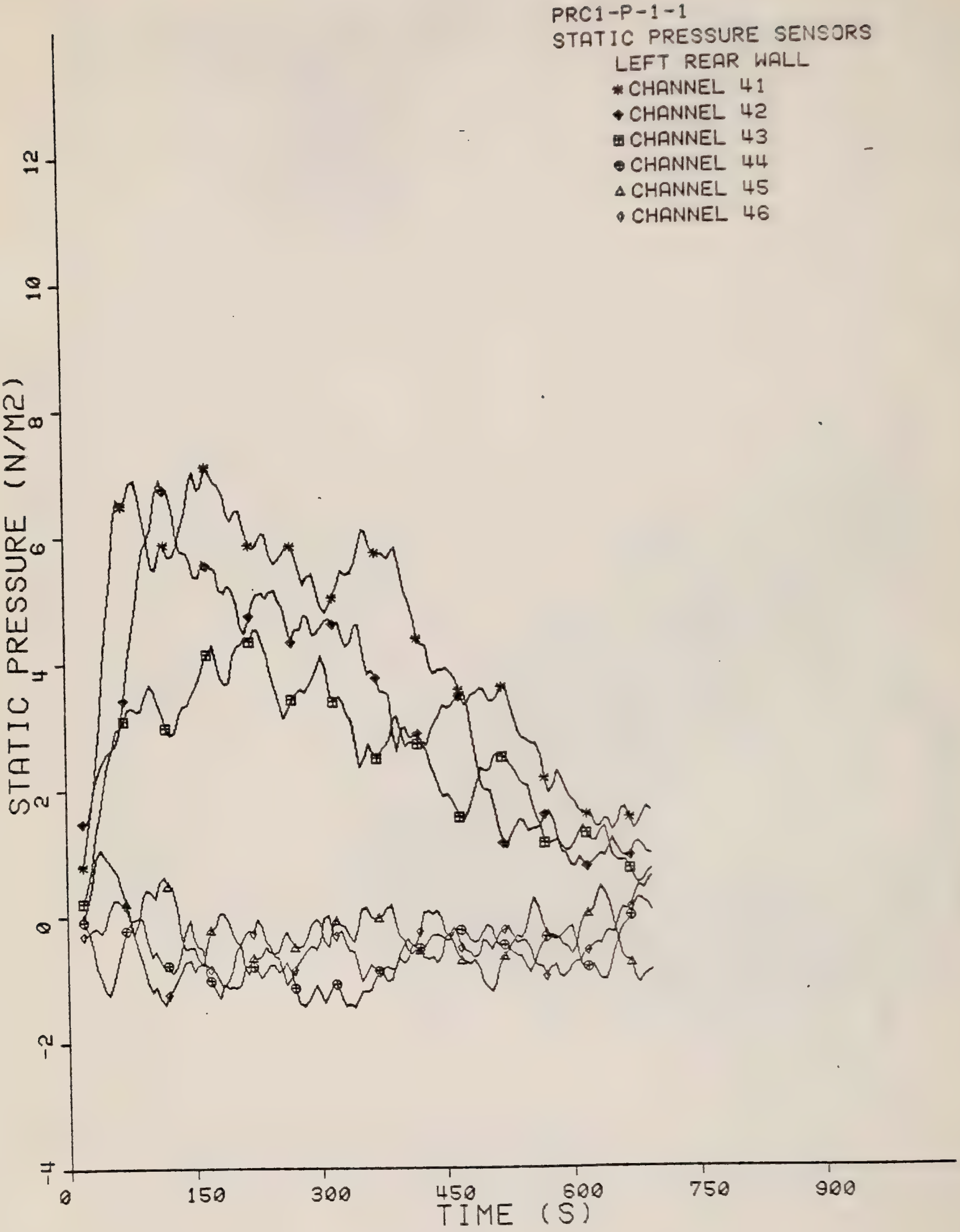

PRC1-P-1-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
✱ CHANNEL 41
◆ CHANNEL 42
⊞ CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
◊ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

Figure A-9

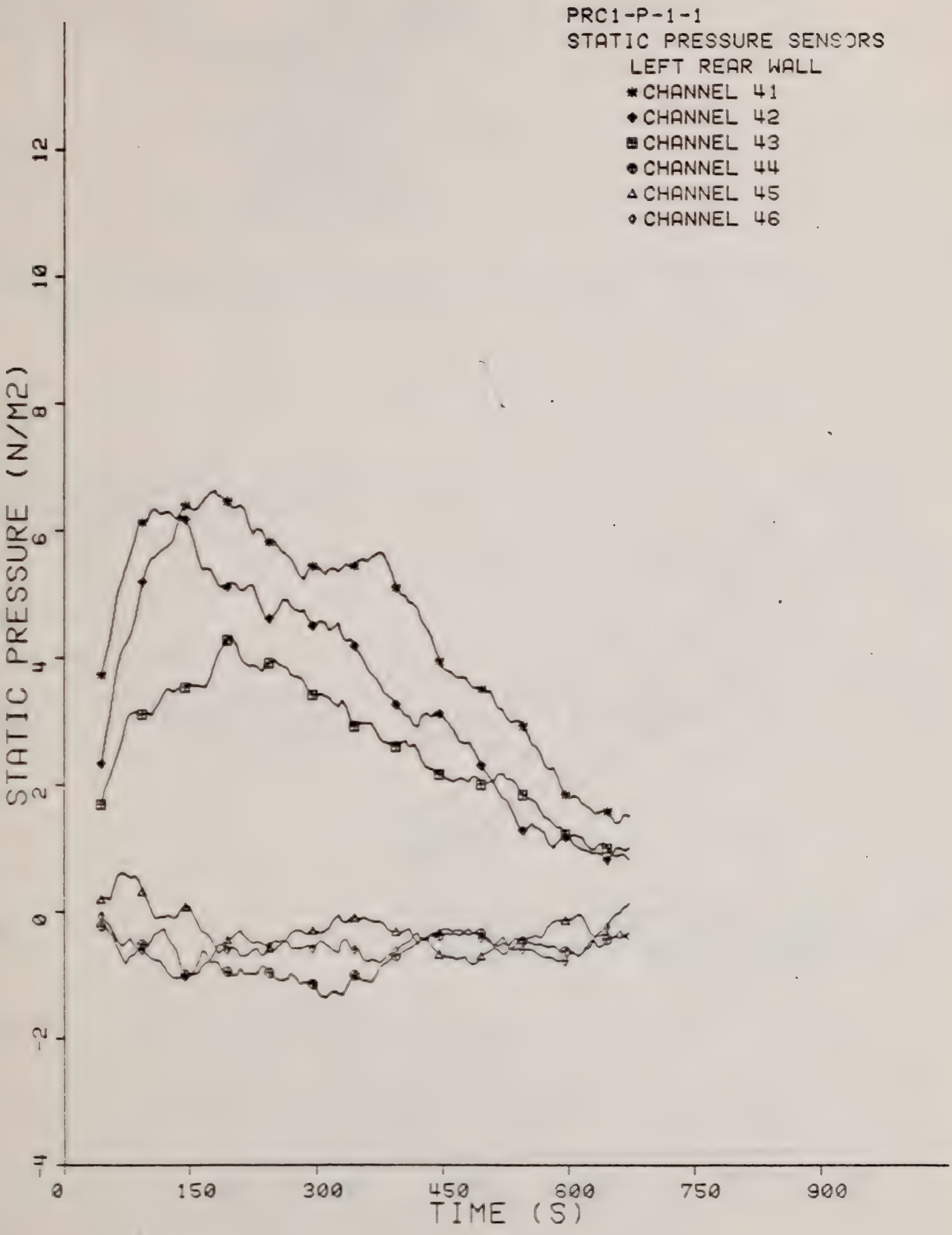

PRC1-P-1-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
* CHANNEL 41
◆ CHANNEL 42
▣ CHANNEL 43
● CHANNEL 44
△ CHANNEL 45
◇ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

Figure A-10

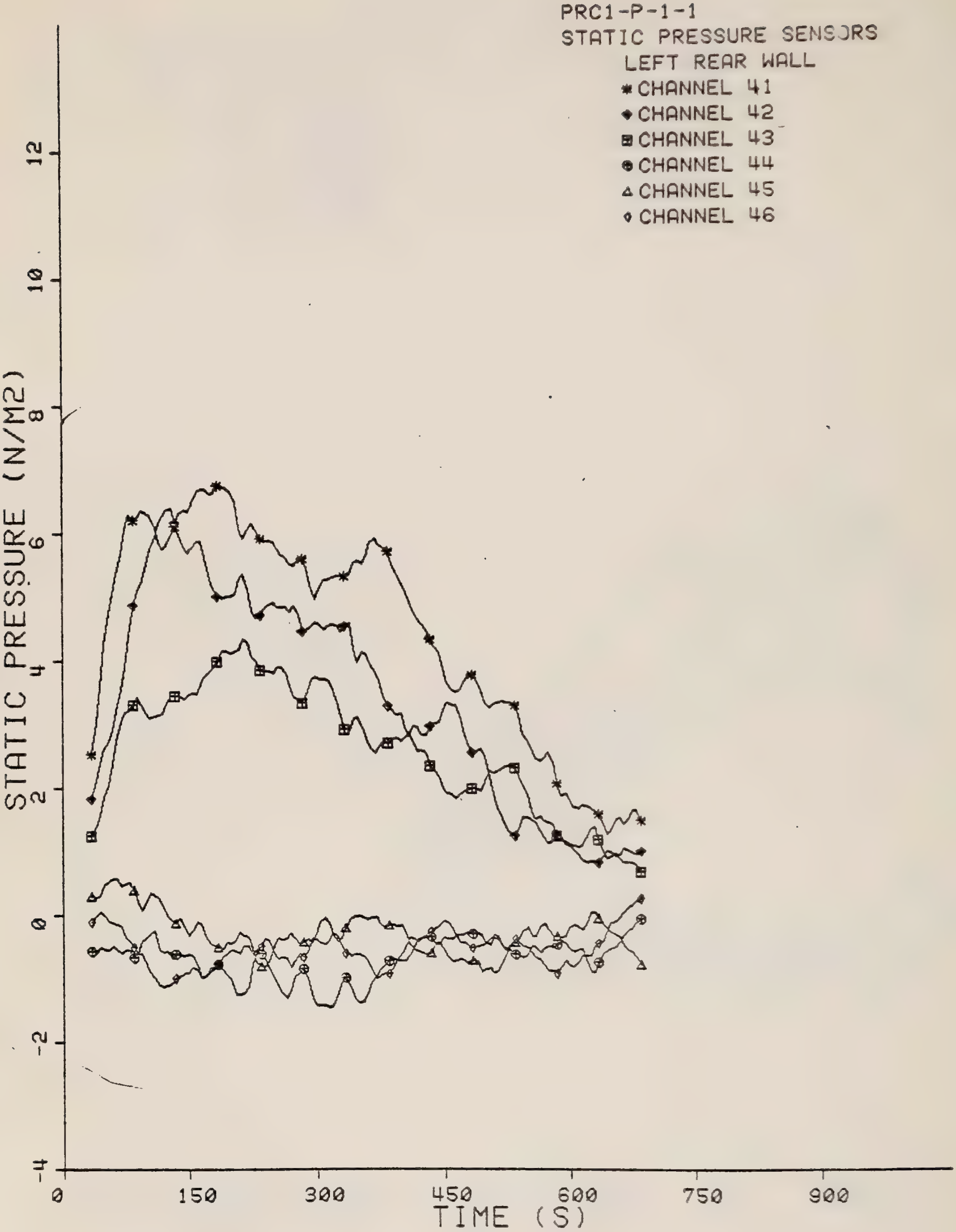

PRC1-P-1-1
STATIC PRESSURE SENSORS
LEFT REAR WALL
✱ CHANNEL 41
◆ CHANNEL 42
⊞ CHANNEL 43
⊕ CHANNEL 44
△ CHANNEL 45
◊ CHANNEL 46
STATIC PRESSURE (N/M2)
12
10
8
6
4
2
0
-2
-4
0
150
300
450
600
750
900
TIME (S)

Figure A-11

NBSIR 80-2054

The Burning of Wood and Plastic Cribs in an Enclosure: Volume II
Appendices B and C

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APPENDIX B

Transient Data

A complete set of the record data over time is tabulated in this section. It is categorized by test code designation in the order given in table 1. The data are labeled by channel number and time in seconds. The correspondence from channel numbers to sensor designation and the units of the measurements can be obtained from table 3.

```
PRC3-W-1-1                                                                    PAGE     1

TIME      0        1        2        3        4        5        6        7        8        9       10       11       12       13
  0.    22.07    21.35    21.17    21.38    20.60    20.72    20.52    22.00    22.00    21.95    21.82    21.80    21.63    21.50
  0.    22.00    21.35    21.35    21.42    20.67    20.95    20.47    22.12    22.12    22.05    21.85    21.90    21.63    21.52
  0.    21.90    21.30    21.22    21.50    21.00    20.67    20.47    22.10    22.07    22.05    21.92    21.88    21.65    21.55
  0.    21.92    21.10    21.05    21.40    20.77    20.87    20.47    22.05    22.07    21.97    21.82    21.85    21.55    21.42
  0.    21.97    21.25    21.13    21.45    20.82    21.05    20.50    22.10    22.07    22.00    21.85    21.82    21.52    21.42
  0.    22.00    21.30    21.32    21.47    21.00    21.02    20.50    22.07    22.15    22.00    21.90    21.90    21.57    21.50
  5.    22.10    21.90    21.65    21.77    21.30    20.92    20.63    22.12    23.92    22.57    22.00    21.97    21.77    21.75
 10.    22.07    22.07    22.00    21.88    21.42    21.30    20.90    24.63    24.45    23.20    22.95    22.77    22.05    21.92
 15.    23.65    23.05    21.92    21.77    21.55    21.25    21.22    25.77    26.13    24.35    24.60    24.27    24.38    24.10
 20.    25.55    24.02    22.10    21.82    21.65    21.27    21.10    26.20    28.25    25.70    25.67    24.88    24.63    24.65
 25.    27.79    22.67    22.02    21.75    21.50    21.22    21.17    27.27    29.89    26.50    26.57    26.10    26.25    25.97
 30.    28.80    24.92    21.65    21.70    21.45    21.38    21.10    28.67    29.46    29.02    28.15    27.55    27.47    27.30
 35.    29.93    29.58    21.47    21.60    21.27    21.10    20.90    29.88    31.63    29.34    29.45    28.97    28.65    28.72
 40.    31.49    24.27    21.40    21.57    21.02    21.17    20.97    29.05    31.90    30.07    29.95    29.75    29.45    29.95
 45.    31.66    29.25    21.47    21.52    21.20    20.97    20.42    30.27    34.24    31.54    30.66    29.76    29.73    30.19
 50.    32.37    29.32    21.77    21.30    21.35    20.82    20.50    31.78    34.17    32.51    31.32    30.90    31.27    30.93
 55.    34.05    25.75    22.20    21.32    21.00    21.25    20.47    32.85    35.58    32.85    33.39    32.05    32.51    32.29
 60.    36.80    22.80    22.17    21.40    21.17    20.75    20.32    35.10    37.27    34.78    35.71    34.63    35.10    34.17
 65.    38.73    27.47    22.38    21.55    21.13    21.10    20.55    37.58    40.41    37.46    37.05    36.49    35.80    36.73
 70.    43.76    26.90    22.32    21.75    21.15    20.65    20.42    44.00    43.07    41.12    39.90    39.78    41.12    39.66
 75.    47.80    28.95    22.35    21.42    21.13    20.82    20.50    46.95    51.44    45.02    44.08    44.10    44.00    41.12
 80.    55.49    38.00    22.55    21.38    21.10    21.20    20.65    56.17    56.15    51.80    49.73    49.71    50.71    46.98
 85.    63.31    27.50    22.57    21.55    21.35    20.85    20.65    60.21    65.62    56.95    56.71    56.76    58.49    52.83
 90.    65.74    35.93    22.30    21.45    21.47    20.72    20.55    69.56    72.65    62.64    63.00    62.21    61.62    57.93
 95.    78.59    32.85    22.47    21.70    21.45    21.10    20.50    75.71    82.02    76.56    72.15    70.83    71.02    63.81
100.    86.90    33.73    22.50    21.72    21.63    20.92    20.50    83.05    90.08    80.17    79.17    77.49    79.39    69.71
105.    93.67    44.37    23.40    21.95    21.40    21.07    20.63    83.45    93.57    84.88    84.64    81.79    81.83    78.24
110.    96.62    58.48    23.25    21.90    21.67    21.22    20.72    94.52   103.58    94.12    93.29    88.76    86.67    88.59
115.   106.73    46.02    22.92    21.88    21.77    20.65    20.55   101.73   111.34   106.90   102.39    94.33    93.29    87.40
120.   117.17    63.39    22.89    22.05    21.55    20.70    20.42   101.22   116.68   109.07   106.17   103.44   100.12    93.71
125.   119.46    84.93    24.17    22.07    21.72    21.40    20.67   108.63   123.58   112.98   110.68   108.56   108.27   105.41
130.   125.61    63.21    22.92    22.22    21.95    21.47    20.02   114.93   128.49   123.24   118.02   115.10   115.85   111.05
135.   139.45    80.74    24.63    22.52    22.27    21.25    20.75   119.17   139.22   128.71   136.82   126.80   121.44   114.15
140.   148.42    84.24    24.50    22.85    21.77    21.22    20.42   120.71   157.20   150.82   143.20   128.68   126.90   126.93
145.   157.00    80.55    24.20    23.02    21.77    21.27    20.87   125.00   163.82   158.20   152.00   142.95   135.10   133.88
150.   158.22    71.29    23.07    22.90    21.95    21.85    20.85   129.58   163.13   160.55   150.42   147.32   145.40   139.60
155.   159.55   107.32    24.75    22.97    22.75    21.83    20.60   129.83   167.70   163.30   159.42   150.97   143.65   144.92
160.   164.67    91.43    25.52    23.15    22.63    21.70    20.70   136.02   170.20   170.70   166.32   156.42   143.88   146.47
165.   169.90    77.39    24.60    23.32    22.57    21.57    20.52   138.02   169.95   165.65   165.25   159.20   148.80   144.40
170.   168.07   112.68    27.72    23.30    22.75    21.89    21.25   145.90   177.88   168.80   167.05   161.52   152.50   139.95
175.   175.63   123.09    28.22    23.27    23.27    22.20    20.67   146.42   178.32   171.35   170.87   167.77   158.07   144.72
180.   170.65   116.02    28.65    23.32    22.80    21.97    20.55   158.45   185.00   172.40   173.27   160.45   164.60   159.17
185.   175.70   103.24    25.13    23.17    22.57    21.77    20.77   153.68   184.07   174.57   173.05   168.72   161.17   150.85
190.   165.85   126.88    25.90    23.52    22.70    22.20    20.80   148.47   177.27   167.13   167.63   164.65   158.00   153.15
195.   166.82   101.58    26.05    23.25    22.22    21.82    20.92   144.07   174.35   166.13   164.90   164.55   160.32   150.95
200.   172.82    70.24    25.40    22.80    22.82    21.65    21.05   151.10   177.22   169.30   168.42   158.67   156.20   153.60
205.   165.57    84.33    29.22    22.85    22.47    21.70    21.02   146.42   169.95   164.83   161.87   157.67   156.57   144.07
210.   161.00    91.64    25.88    22.82    22.32    21.60    21.07   149.22   175.25   169.15   168.57   154.65   150.62   143.42
215.   169.07    76.15    29.22    23.00    22.47    21.82    21.25   151.15   171.27   167.47   164.10   157.95   153.57   144.30
220.   162.12    75.76    27.70    23.02    22.77    21.97    21.20   157.72   172.07   165.20   161.10   157.32   158.32   150.57
```

```
PRC3-W-I-1                                                                   PAGE     2

TIME      0        1        2        3        4        5        6        7        8        9        10       11       12       13
 225.   161.72    66.50    28.32    23.02    22.70    21.72    21.20   147.82   169.22   161.42   161.50   159.97   162.70   160.30
 230.   167.00    51.66    30.32    23.02    22.92    21.88    20.87   147.42   170.92   159.38   156.75   154.45   159.90   152.05
 235.   164.70    77.17    29.51    23.30    22.80    21.88    20.82   145.70   168.77   158.70   158.50   156.27   156.25   146.63
 240.   160.90    60.29    29.90    23.40    22.32    21.80    20.87   144.85   162.85   156.25   157.47   154.88   151.30   140.95
 245.   157.97    57.34    29.95    23.45    22.65    21.57    20.52   144.32   173.10   153.95   151.72   149.85   146.65   138.47
 250.   155.40    65.31    26.50    23.42    22.40    22.12    20.75   144.30   159.07   153.97   150.25   148.97   147.22   135.50
 255.   154.92    65.36    28.32    23.47    22.15    21.50    21.05   134.30   155.92   153.15   149.12   145.32   141.90   133.57
 260.   152.75    83.74    28.07    23.32    22.40    21.55    20.72   137.90   156.32   152.97   145.82   143.17   137.97   127.80
 265.   152.90    80.81    26.63    23.35    22.47    21.47    20.80   136.42   158.15   150.47   148.55   141.72   138.45   128.78
 270.   147.55    90.40    28.72    23.22    22.47    21.57    20.70   137.77   159.10   148.47   145.15   143.35   145.52   146.40
 275.   157.85    74.27    29.75    23.45    22.15    21.55    21.00   141.27   158.35   151.57   150.27   140.57   148.92   141.30
 280.   154.72    57.58    27.10    23.30    23.22    22.05    21.17   139.88   155.32   148.35   152.88   149.27   146.92   143.22
 285.   154.17    53.54    24.00    23.17    22.57    22.25    21.25   136.07   160.22   151.97   151.65   146.02   143.50   139.85
 290.   155.45    62.76    24.67    23.17    22.88    21.95    20.57   136.10   159.60   152.07   148.37   144.95   141.65   134.32
 295.   151.92    62.43    27.12    23.63    22.35    22.82    21.15   141.92   156.52   150.12   150.85   145.57   147.92   133.95
 300.   152.52    42.00    27.45    23.67    22.63    21.90    20.57   141.63   154.02   149.05   147.52   141.88   143.65   135.55
 305.   150.10    62.14    27.30    23.60    22.50    21.70    20.72   129.71   156.80   150.37   147.17   142.57   141.02   128.51
 310.   145.90    78.62    26.90    23.15    21.88    21.65    20.87   135.95   152.60   147.92   147.35   141.22   136.17   129.24
 315.   143.80    51.85    27.52    23.27    22.63    21.52    21.00   136.40   150.20   146.97   145.27   141.25   136.97   125.98
 320.   146.10    64.55    31.29    23.37    22.10    21.22    21.20   133.37   150.92   142.67   142.75   139.50   136.60   128.10
 325.   143.02    71.66    31.37    23.15    22.82    21.15    20.75   128.34   150.22   141.02   140.32   139.15   142.25   139.77
 330.   144.40    85.81    32.12    23.20    22.65    21.15    21.13   129.00   144.88   140.07   138.20   135.05   135.05   134.02
 335.   143.77   109.05    25.40    23.37    22.72    21.07    20.95   125.93   149.25   142.12   141.25   138.50   136.17   127.27
 340.   147.42    91.17    26.67    23.27    22.30    21.42    20.95   141.32   151.80   144.60   143.00   135.77   134.13   135.88
 345.   151.80    81.31    31.29    23.32    22.45    21.38    20.90   139.75   155.85   147.72   147.38   146.10   147.30   126.61
 350.   148.20    62.88    28.40    23.27    23.02    21.55    20.85   141.02   153.35   148.42   146.00   143.72   143.72   134.40
 355.   151.57    64.52    23.75    23.35    22.85    21.67    20.75   140.47   153.42   147.10   142.60   142.07   143.00   142.10
 360.   149.55    56.66    30.29    23.37    22.90    21.72    20.55   137.45   147.80   141.13   143.30   140.17   140.77   122.29
 365.   144.77    58.44    25.42    23.37    23.52    21.27    20.57   129.34   149.00   143.92   145.05   143.82   142.32   127.44
 370.   142.65    64.50    26.38    23.35    22.65    21.50    20.57   126.49   151.50   143.27   138.38   135.52   134.70   120.73
 375.   141.57    60.05    25.07    23.55    23.25    21.67    21.22   136.70   149.17   140.15   137.10   134.35   128.56   125.49
 380.   143.90    54.68    25.05    23.63    22.52    21.57    20.67   134.27   147.50   139.72   139.77   136.22   129.68   122.90
 385.   142.12    60.74    27.32    23.40    22.82    22.17    20.85   139.22   143.38   139.72   138.80   136.00   129.37   117.46
 390.   142.52    61.79    26.60    23.00    22.97    21.80    20.92   133.67   144.67   138.90   135.30   133.37   134.45   119.10
 395.   144.15    59.05    30.22    22.80    22.82    21.77    21.07   135.25   145.22   138.70   138.60   136.63   134.77   122.37
 400.   145.70    67.14    29.61    22.65    22.97    22.42    20.95   128.27   147.90   144.67   142.75   137.15   133.62   120.98
 405.   143.50    93.76    37.44    22.77    23.07    22.10    21.22   124.71   149.57   144.38   142.52   140.25   136.65   121.41
 410.   139.88    82.57    30.49    22.90    22.70    21.85    21.10   127.22   149.75   144.07   139.82   133.27   128.19   124.56
 415.   140.75    63.55    31.66    23.00    22.60    22.10    20.90   135.02   147.25   144.30   138.52   134.32   127.39   123.76
 420.   141.85    62.76    27.63    23.35    22.50    21.05    21.10   136.13   147.47   140.70   136.35   135.45   134.00   127.54
 425.   147.90    66.50    29.45    23.65    22.35    21.60    20.82   138.57   146.27   141.25   138.65   139.95   139.07   135.63
 430.   142.85    91.62    29.15    23.60    22.15    21.80    20.90   133.52   148.77   143.02   141.50   130.50   135.75   134.45
 435.   148.97    54.56    30.19    23.47    22.75    21.72    20.97   142.00   151.60   143.95   140.90   139.07   141.88   134.88
 440.   148.42    90.88    26.85    23.35    22.15    21.45    20.80   136.15   146.42   141.95   141.67   140.10   137.57   128.63
 445.   142.10    67.55    29.07    23.17    22.92    21.30    20.75   136.20   147.82   141.52   140.75   137.77   127.83   124.95
 450.   140.72    62.57    27.22    23.17    23.85    21.77    20.60   133.47   150.92   140.77   139.70   138.17   126.02   121.93
 455.   138.05    79.57    28.35    23.27    23.42    21.25    21.00   125.46   148.12   143.05   140.63   136.02   124.32   118.54
 460.   150.32   105.85    26.82    23.22    23.05    21.88    20.72   134.42   145.80   143.02   138.75   137.00   136.05   130.00
 465.   144.95    67.43    26.10    23.32    22.45    22.07    21.10   136.88   147.82   140.35   137.45   139.55   142.92   140.07
 470.   143.97    75.15    25.42    23.35    23.32    22.25    21.65   135.92   152.10   142.92   143.35   140.70   140.88   140.38
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TIME	0	1	2	3	4	5	6	7	8	9	10	11	12	13
475.	147.30	88.55	26.52	23.55	23.57	22.45	21.02	129.83	151.95	147.55	145.22	139.07	138.02	136.02
480.	147.57	87.88	27.52	23.87	23.20	21.90	21.02	143.52	148.02	144.20	144.82	143.80	141.47	139.30
485.	150.10	78.52	24.52	23.97	22.92	22.12	20.62	139.20	150.25	142.17	143.05	141.70	143.32	138.02
490.	147.90	89.55	26.40	23.80	23.02	24.22	21.42	133.42	147.08	144.42	140.30	139.27	141.13	134.05
495.	146.90	90.64	27.52	23.77	22.12	21.57	21.45	134.50	149.65	144.02	138.20	136.50	139.10	137.22
500.	140.25	74.19	32.76	23.75	21.75	22.05	21.52	145.72	149.97	143.65	142.27	141.30	141.17	134.52
505.	148.00	88.09	26.02	23.50	21.72	21.92	21.22	138.27	148.60	143.05	139.17	137.95	141.30	141.65
510.	147.57	79.21	26.65	23.70	22.68	21.42	21.10	143.27	148.02	142.72	142.52	142.40	144.65	144.35
515.	148.30	82.55	25.30	23.67	24.05	22.42	21.30	140.95	151.45	143.95	141.80	140.00	136.57	127.34
520.	146.07	92.90	24.57	23.40	23.72	22.08	21.47	137.65	150.57	143.77	143.90	140.35	138.15	128.98
525.	148.55	79.02	24.50	23.60	23.63	23.82	21.25	136.67	152.00	143.67	141.22	138.92	139.92	136.57
530.	142.67	109.24	24.47	23.77	23.82	23.47	21.30	137.65	152.17	145.20	143.12	137.60	130.00	126.19
535.	147.63	91.79	26.60	23.67	23.52	22.17	21.55	134.22	146.22	142.63	141.20	130.15	136.57	125.78
540.	146.38	93.21	29.30	23.52	23.13	22.35	21.07	133.37	147.27	144.12	140.17	136.05	135.70	127.90
545.	146.07	110.00	27.90	23.50	22.07	22.17	21.15	133.32	140.30	142.85	139.27	138.38	139.72	133.55
550.	143.30	101.37	35.15	23.42	23.00	21.92	21.25	134.85	148.25	142.15	137.25	135.25	139.63	138.22
555.	139.42	77.64	36.22	23.65	22.32	22.30	21.05	134.55	155.25	144.90	141.40	140.27	143.75	143.12
560.	141.10	83.29	31.95	23.55	23.65	22.07	21.22	133.92	146.82	142.35	141.57	138.63	136.35	124.19
565.	145.40	84.69	30.05	23.75	22.05	22.55	21.27	127.85	151.15	147.50	144.07	137.63	138.22	128.61
570.	144.80	89.09	29.88	23.70	23.55	22.27	21.47	124.05	140.42	147.07	142.52	137.57	134.00	128.49
575.	138.72	112.24	28.47	23.63	22.75	22.12	21.30	126.19	144.22	141.52	130.85	137.65	134.37	125.29
580.	145.47	89.21	32.51	23.42	22.20	22.65	21.10	128.12	150.77	144.85	140.38	138.10	134.60	126.60
585.	143.75	107.56	34.61	23.67	22.17	22.10	21.38	137.42	146.90	142.75	140.32	139.42	137.97	139.13
590.	143.15	88.21	33.39	23.57	22.52	21.85	20.92	138.13	143.88	140.05	141.10	130.35	137.90	140.90
595.	144.52	93.50	31.15	23.45	22.55	21.80	20.65	133.32	147.22	139.65	138.65	136.32	137.35	125.02
600.	144.47	89.57	32.71	23.65	22.90	21.09	21.17	137.27	142.75	137.85	136.05	134.37	134.77	128.83
605.	140.20	106.95	31.15	23.65	22.35	22.47	21.17	134.45	146.77	135.32	133.82	129.27	135.45	126.02
610.	144.02	78.90	27.32	23.82	22.35	21.63	21.22	127.10	140.55	136.05	136.45	135.50	138.47	139.92
615.	140.22	84.29	29.65	23.65	23.37	22.55	21.35	124.85	141.77	137.80	136.63	136.05	135.15	135.65
620.	139.72	81.38	29.00	23.63	23.95	21.32	21.30	128.00	140.13	136.88	136.50	126.90	122.61	120.66
625.	136.32	79.51	34.05	23.60	24.52	22.27	21.42	129.90	141.30	135.35	128.83	124.05	122.10	118.98
630.	141.95	91.09	37.27	23.70	24.52	22.52	20.92	128.56	140.38	136.05	133.77	127.32	125.10	123.15
635.	136.50	87.33	28.47	23.87	23.80	22.25	20.82	133.67	142.92	136.25	136.70	135.72	136.00	134.22
640.	140.02	78.26	28.02	23.95	23.27	22.17	20.85	126.85	140.00	134.47	134.13	133.70	133.57	125.22
645.	139.72	64.31	32.41	23.87	23.15	22.65	21.10	128.12	144.05	135.70	134.40	129.76	133.70	128.00
650.	129.07	82.12	25.47	23.57	22.07	21.35	20.87	127.37	139.35	134.32	135.50	120.12	125.24	120.22
655.	134.13	70.66	28.00	23.42	22.38	21.85	20.82	127.73	136.13	128.78	128.78	127.98	124.56	117.93
660.	129.71	69.56	28.02	23.27	22.12	21.85	20.77	121.58	127.49	124.88	126.17	124.19	123.29	117.61
665.	125.32	69.88	25.82	23.45	24.97	22.07	20.90	119.41	128.73	125.78	121.95	121.19	121.58	116.73
670.	124.44	93.01	24.52	23.45	23.30	21.09	21.07	120.44	124.73	120.22	120.95	121.78	121.44	115.37
675.	121.41	82.93	25.50	23.77	22.72	21.82	21.38	117.19	122.93	120.05	119.60	116.90	119.19	118.68
680.	122.71	83.36	25.63	24.02	22.70	23.00	21.42	117.37	123.98	121.17	110.32	117.12	115.02	111.76
685.	120.93	71.58	27.82	23.90	23.92	23.15	21.22	115.41	123.56	120.24	110.00	118.27	119.44	117.76
690.	118.71	78.80	26.90	24.10	23.80	22.70	21.15	116.00	121.61	118.71	118.19	118.00	119.32	113.39
695.	117.61	69.63	30.68	24.32	23.97	22.38	20.85	115.49	120.37	117.17	117.37	117.95	119.44	114.95
700.	116.39	70.49	25.60	23.82	23.47	22.27	20.82	113.60	122.61	119.05	116.66	114.98	113.63	107.63
705.	119.93	88.19	29.49	23.80	22.60	24.52	20.70	113.37	121.00	119.83	118.56	117.93	117.17	111.80
710.	116.12	70.78	29.32	23.50	23.80	22.95	20.77	115.10	122.00	117.12	114.39	115.29	117.61	115.58
715.	112.85	69.66	27.57	23.77	22.02	23.75	21.42	112.90	116.58	113.39	113.71	116.80	117.07	109.54
720.	115.49	89.29	28.25	23.45	23.52	22.85	21.20	112.22	115.39	113.58	114.71	114.85	114.98	110.41

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PRC3-W-1-1                                                                               PAGE     4

TIME        0         1         2         3         4         5         6         7         8         9        10        11        12        13
 725.    114.27     82.74     35.29     23.27     24.40     24.63     21.82    108.41    115.95    112.66    112.83    113.68    111.98    105.68
 730.    109.44     79.46     27.38     22.95     23.40     22.92     21.30    105.46    113.46    110.27    108.05    107.76    109.12    105.02
 735.    111.24     82.43     27.32     23.30     22.77     22.55     20.97    105.46    111.24    108.88    107.12    106.85    104.78    100.58
 740.    110.05     77.39     28.80     23.52     22.95     22.42     21.10    106.27    110.29    107.95    107.83    106.51    103.49     96.95
 745.    108.41     61.21     38.17     23.27     22.63     22.38     21.02    105.76    111.05    108.37    106.61    105.63    105.17    101.10
 750.    104.93     74.39     28.57     23.80     23.47     22.42     20.97    104.34    109.63    107.00    106.54    105.19    103.85    102.17
 755.    106.71     78.63     34.88     24.22     23.65     22.22     21.10    104.83    106.17    103.83    102.80    104.24    105.37    106.80
 760.    105.76     65.43     27.65     23.80     22.15     21.60     21.27    104.56    108.49    103.34    103.41    104.44    106.02    103.93
 765.     97.12     62.00     26.02     23.45     22.22     21.97     21.40    102.27    105.22    102.83    103.32    104.41    104.93    100.80
 770.    103.12     77.22     28.13     23.37     22.75     22.10     21.57    100.39    105.15    104.07    103.15    102.93    102.61    100.39
 775.    103.80     76.41     27.30     23.63     23.42     22.12     21.32    100.49    107.19    102.24    101.32    101.68     94.93     93.43
 780.     97.12     75.39     35.49     24.15     22.47     21.67     21.38    100.44    105.46    103.76     96.88     97.36     97.00     95.05
 785.    103.49     62.64     26.85     23.57     23.57     21.97     21.52     97.02    102.56     97.21     96.00     96.02     95.71     91.50
 790.    100.73     74.95     29.39     23.30     22.25     21.97     21.52     96.95    101.15     95.45     96.40     96.64     96.52     93.19
 795.     93.52     69.54     25.57     23.60     22.12     21.65     21.07     95.24     96.33     95.52     96.02     96.88     96.55     95.88
 800.     87.95     60.36     28.57     23.45     22.25     21.82     21.10     95.76     96.90     94.50     94.79     96.57     96.38     94.12
 805.     91.74     59.33     25.32     23.37     22.20     21.82     20.97     95.12     96.09     95.61     96.24     96.43     95.67     85.95
 810.     96.67     66.93     30.27     23.30     22.00     21.77     21.07     94.24     95.33     94.90     95.43     95.88     94.93     89.62
 815.     96.40     51.32     27.85     23.32     22.72     22.63     21.50     94.90     96.67     95.69     94.09     94.81     92.86     85.38
 820.     93.19     65.83     26.92     23.30     24.47     22.25     21.00     92.88     95.24     93.69     93.00     93.43     93.02     81.38
 825.     92.12     64.62     27.30     23.27     23.97     22.97     20.95     91.29     93.43     91.95     92.62     93.95     92.83     82.00
 830.     92.67     57.15     28.00     23.13     23.25     22.30     20.87     91.17     93.93     91.93     91.14     93.36     91.95     87.52
 835.     91.79     64.69     29.25     23.37     22.82     22.07     21.25     90.21     93.24     91.59     90.45     91.79     89.69     84.24
 840.     90.17     58.02     29.47     23.25     22.60     22.85     21.02     88.48     90.86     89.67     88.59     88.19     86.49     82.93
 845.     88.95     53.39     25.90     23.02     23.27     21.85     20.95     87.09     88.55     88.38     87.43     87.24     86.21     82.38
 850.     88.17     54.93     27.52     22.95     21.85     21.72     20.95     87.29     86.81     85.93     87.48     88.52     87.52     78.52
 855.     84.29     51.58     27.22     22.85     21.70     21.39     21.02     85.98     88.05     86.50     85.88     86.64     86.83     83.90
 860.     83.88     60.71     30.54     22.92     21.85     21.25     21.10     85.79     86.62     84.45     83.90     84.36     83.57     78.85
 865.     84.14     49.10     29.88     24.35     21.65     21.82     20.87     84.09     84.59     84.19     84.07     84.43     84.02     78.98
 870.     83.21     57.44     25.35     23.75     21.72     21.77     21.02     83.38     85.05     84.26     83.67     83.86     83.31     77.74
 875.     82.45     48.93     24.88     23.52     22.02     21.85     21.07     83.36     83.98     83.02     82.19     82.79     80.33     76.76
 880.     78.12     50.22     26.30     23.10     22.15     22.27     20.77     81.76     83.21     83.05     82.90     82.24     79.43     76.49
 885.     80.86     48.58     34.49     23.17     22.67     21.63     21.30     80.86     82.02     82.14     80.98     80.79     78.14     74.98
 890.     78.81     52.78     29.72     23.13     22.32     21.95     21.20     80.12     81.50     81.86     80.67     80.49     79.05     76.34
 895.     77.79     61.48     23.60     23.30     22.75     22.02     21.27     79.67     81.24     80.98     78.40     78.55     79.09     75.80
 900.     76.19     48.93     27.15     23.42     23.13     22.35     21.17     79.09     80.09     79.79     78.33     77.71     76.29     74.88
 905.     71.39     56.68     34.83     22.80     23.55     21.65     21.05     78.50     77.79     78.24     77.81     79.17     73.00     70.61
 910.     73.00     55.88     25.97     23.47     22.77     22.15     21.20     77.83     77.58     79.12     77.83     76.90     72.88     71.46
 915.     73.93     63.69     36.88     23.75     23.17     21.70     21.30     78.93     76.29     77.63     75.63     74.58     73.29     73.56
 920.     72.54     51.37     36.73     23.37     22.72     21.32     21.20     78.76     76.41     77.44     75.49     74.12     72.05     71.41
 925.     72.90     63.69     28.30     23.15     23.13     21.57     21.32     77.68     74.15     73.73     74.07     74.98     72.71     73.15
 930.     70.66     54.54     39.85     23.17     22.77     21.55     21.00     77.07     74.22     75.12     73.61     74.19     71.54     70.85
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TIME      14      15      16      17      18      19      20      21      22      23      24      25      26      27
   0.   21.22   21.22   21.27   21.00   20.92   20.90   20.77   20.90   20.85   21.35   22.02    0.00    0.00    0.00
   0.   21.35   21.22   21.27   21.10   20.97   20.97   20.82   20.95   20.82   21.35   22.05    0.00    0.00    0.00
   0.   21.30   21.30   21.25   21.07   21.00   20.90   20.95   20.92   20.85   21.38   22.02    0.00    0.00    0.00
   0.   21.30   21.27   21.27   21.13   21.00   16.00   20.82   20.95   20.95   21.27   22.00    0.00    0.00    0.00
   0.   21.27   21.25   21.22   21.10   21.02   21.00   20.82   20.90   20.90   21.38   22.02    0.00    0.00    0.00
   0.   21.32   21.27   21.27   21.10   21.05   21.02   20.87   20.87   20.87   21.38   21.97    0.00    0.00    0.00
   5.   21.65   21.50   21.45   21.32   21.22   21.20   21.00   21.13   21.02   21.42   21.97    0.00    0.00    0.00
  10.   21.92   21.65   21.72   21.42   21.32   21.40   21.13   21.20   21.07   21.50   22.45    0.00    0.00    0.00
  15.   23.42   21.97   22.07   21.65   21.52   21.60   21.27   21.32   21.17   21.70   22.85    0.00    0.00    0.00
  20.   23.85   22.60   22.38   21.92   21.72   21.70   21.32   21.35   21.17   21.75   22.90    0.00    0.00    0.00
  25.   24.38   22.90   22.67   22.02   21.82   21.82   21.50   21.47   21.17   21.90   22.97    0.00    0.00    0.00
  30.   25.63   23.00   22.63   22.05   21.92   21.92   21.57   21.47   21.15   22.05   23.37    0.00    0.00    0.00
  35.   27.82   23.13   22.45   22.05   21.85   22.05   21.65   21.55   21.17   22.22   23.57    0.00    0.00    0.00
  40.   28.52   23.65   22.57   22.05   21.90   22.05   21.63   21.63   21.20   22.22   23.82    0.00    0.00    0.00
  45.   29.80   24.47   22.77   22.10   21.90   22.07   21.70   21.70   21.27   22.38   24.13    0.00    0.00    0.00
  50.   28.90   23.82   22.65   22.22   22.09   22.05   21.75   21.77   21.39   22.40   24.60    0.00    0.00    0.00
  55.   28.80   24.38   22.55   22.17   22.02   22.10   21.00   21.00   21.40   22.60   25.05    0.00    0.00    0.00
  60.   29.10   23.72   22.65   22.27   21.95   22.12   21.82   21.88   21.27   22.75   25.80    0.00    0.00    0.00
  65.   28.90   24.30   23.20   22.40   22.07   22.30   21.88   22.00   21.45   22.95   26.60    0.00    0.00    0.00
  70.   31.10   26.22   23.95   22.85   22.17   22.77   22.07   22.10   21.52   23.50   28.37    0.00    0.00    0.00
  75.   33.22   26.55   24.80   23.30   22.60   23.07   22.32   22.47   21.63   24.30   29.37    0.00    0.00    0.00
  80.   36.73   27.20   25.85   23.82   23.07   23.35   22.72   22.90   21.75   25.35   30.73    0.00    0.00    0.00
  85.   36.34   27.67   26.97   24.75   23.63   23.72   23.05   23.30   21.95   26.55   33.17    0.00    0.00    0.00
  90.   47.12   28.92   28.20   25.27   24.52   25.17   23.35   23.97   22.45   28.05   34.73    0.00    0.00    0.00
  95.   50.10   29.73   28.90   25.97   24.63   26.00   24.00   23.82   22.75   29.29   38.00    0.00    0.00    0.00
 100.   53.85   30.80   29.55   26.67   25.05   26.40   24.27   24.67   22.90   30.90   40.19    0.00    0.00    0.00
 105.   60.83   31.69   30.00   27.05   25.17   26.77   24.97   25.42   22.97   31.68   43.98    0.00    0.00    0.00
 110.   62.71   32.89   31.51   28.05   25.67   26.42   24.87   26.13   23.32   32.61   47.32    0.00    0.00    0.00
 115.   71.49   34.61   31.83   28.30   25.82   27.27   24.82   25.97   23.92   34.51   49.39    0.00    0.00    0.00
 120.   80.81   35.80   33.15   29.07   26.60   29.22   25.70   26.70   24.57   37.00   51.98    0.00    0.00    0.00
 125.   90.48   38.12   34.22   29.37   27.20   29.00   26.20   26.80   24.38   37.41   54.19    0.00    0.00    0.00
 130.   88.24   39.80   37.61   30.34   27.67   29.19   26.72   28.40   25.17   39.73   56.83    0.00    0.00    0.00
 135.  108.63   52.07   40.27   32.88   28.77   29.80   27.88   29.22   25.17   42.10   58.79    0.00    0.00    0.00
 140.  110.22   51.63   40.68   31.61   28.80   29.76   27.60   29.29   25.60   43.66   62.45    0.00    0.00    0.00
 145.  110.29   57.05   42.29   31.78   28.95   30.27   27.35   29.13   26.45   45.61   63.14    0.00    0.00    0.00
 150.  110.46   59.71   41.63   33.34   29.72   30.44   27.92   29.05   26.82   49.68   66.00    0.00    0.00    0.00
 155.  115.37   60.50   43.44   35.00   30.51   31.51   28.17   29.05   27.20   51.10   71.68    0.00    0.00    0.00
 160.  129.66   67.29   44.05   34.54   29.95   33.05   28.27   29.57   27.52   53.22   73.60    0.00    0.00    0.00
 165.  134.25   78.45   48.66   37.27   30.37   33.85   29.50   29.78   27.70   54.39   75.93    0.00    0.00    0.00
 170.  135.38   94.76   53.07   36.56   31.00   34.12   29.57   30.63   28.15   55.93   77.02    0.00    0.00    0.00
 175.  135.30   94.50   53.76   38.10   31.54   33.95   29.61   31.07   28.75   57.98   70.73    0.00    0.00    0.00
 180.  145.12   86.40   53.37   41.10   33.02   35.61   30.00   33.05   29.60   61.38   82.43    0.00    0.00    0.00
 185.  136.77   76.56   55.95   41.61   35.34   37.85   32.90   33.39   29.45   61.52   81.12    0.00    0.00    0.00
 190.  133.75   72.98   52.07   42.05   34.85   37.22   31.58   33.78   29.30   59.83   81.31    0.00    0.00    0.00
 195.  123.29   63.90   51.32   42.63   36.76   36.90   31.93   34.12   29.34   61.38   81.09    0.00    0.00    0.00
 200.  125.15   61.26   50.66   42.39   33.93   36.07   31.44   31.27   29.25   61.17   81.59    0.00    0.00    0.00
 205.  125.51   69.80   45.49   42.19   34.71   35.46   31.17   31.90   28.97   61.17   82.05    0.00    0.00    0.00
 210.  119.24   70.78   48.51   39.85   33.58   37.49   34.19   34.17   29.47   61.67   83.52    0.00    0.00    0.00
 215.  127.44   67.21   53.17   42.24   34.66   37.63   33.32   33.61   29.27   62.36   84.21    0.00    0.00    0.00
 220.  127.46   52.17   52.88   42.51   38.55   41.00   31.90   32.80   29.30   62.79   84.80    0.00    0.00    0.00
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PRC3-W-1-1                                                                                    PAGE     6

TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
 225.   115.80    50.32    48.49    40.76    36.29    39.68    32.58    32.58    29.75    61.21    84.83     0.00     0.00     0.00
 230.   106.83    49.34    49.19    40.80    37.19    40.02    34.24    33.37    29.67    60.83    84.64     0.00     0.00     0.00
 235.   114.76    49.44    50.29    40.95    37.10    38.41    32.29    31.83    29.67    61.50    82.64     0.00     0.00     0.00
 240.   108.22    49.10    47.17    41.34    36.63    37.98    32.27    32.66    29.56    62.40    83.14     0.00     0.00     0.00
 245.   107.10    49.78    48.71    41.51    34.90    37.05    32.39    34.37    30.93    62.83    82.17     0.00     0.00     0.00
 250.   108.07    46.27    45.54    41.17    35.78    37.41    31.17    31.51    29.90    61.43    81.98     0.00     0.00     0.00
 255.   113.80    59.93    46.80    39.41    32.49    37.12    30.51    32.63    29.29    59.26    81.69     0.00     0.00     0.00
 260.    90.45    60.36    49.15    41.83    32.49    33.68    30.37    32.71    29.42    59.57    83.21     0.00     0.00     0.00
 265.   104.39    59.26    48.73    41.68    33.39    37.54    30.56    32.37    29.27    60.83    82.12     0.00     0.00     0.00
 270.    95.24    63.43    48.54    40.90    34.05    38.46    32.98    33.63    29.46    61.98    83.74     0.00     0.00     0.00
 275.   103.66    58.07    53.78    43.05    36.71    38.29    32.54    34.19    29.61    63.26    84.67     0.00     0.00     0.00
 280.   106.56    51.56    54.00    43.95    39.93    39.41    32.02    33.34    29.32    63.31    85.38     0.00     0.00     0.00
 285.   104.88    46.68    48.15    41.90    37.80    40.15    34.34    33.02    29.61    62.48    84.17     0.00     0.00     0.00
 290.   107.15    48.34    45.44    41.24    37.17    40.24    33.78    34.78    29.25    60.21    83.26     0.00     0.00     0.00
 295.   101.02    47.54    46.51    40.49    35.56    37.61    32.66    34.83    27.90    56.15    84.64     0.00     0.00     0.00
 300.    89.59    48.07    46.66    41.85    36.41    37.44    32.27    33.37    28.90    58.17    84.50     0.00     0.00     0.00
 305.    86.67    47.95    45.78    40.15    34.02    37.17    31.76    33.10    28.92    58.49    84.59     0.00     0.00     0.00
 310.   107.15    48.63    48.46    41.56    35.44    38.83    31.98    33.19    28.20    59.50    83.90     0.00     0.00     0.00
 315.   110.17    47.58    45.27    41.56    36.02    38.78    33.05    33.71    28.02    58.83    84.55     0.00     0.00     0.00
 320.   100.95    49.12    47.27    40.07    34.05    35.05    31.83    34.32    29.05    58.21    84.40     0.00     0.00     0.00
 325.    95.59    52.41    46.17    40.32    34.10    35.80    30.17    31.71    29.50    59.62    82.95     0.00     0.00     0.00
 330.    96.76    64.48    51.44    42.98    35.12    35.56    29.90    31.56    28.90    61.93    82.31     0.00     0.00     0.00
 335.   106.78    61.57    50.95    43.41    36.76    38.05    32.10    31.98    29.17    62.24    83.57     0.00     0.00     0.00
 340.   103.41    58.81    51.98    43.19    37.19    38.10    32.15    33.02    29.90    63.02    85.26     0.00     0.00     0.00
 345.    91.00    53.27    48.68    42.29    35.69    38.61    32.39    33.68    29.58    63.57    84.88     0.00     0.00     0.00
 350.    89.33    50.17    47.39    41.41    36.49    39.90    32.78    33.39    29.46    62.86    84.93     0.00     0.00     0.00
 355.    91.62    47.58    46.10    40.12    34.73    39.05    33.34    32.51    29.57    61.74    84.24     0.00     0.00     0.00
 360.    82.67    48.29    46.44    39.88    35.63    36.98    32.24    32.46    29.90    60.33    85.07     0.00     0.00     0.00
 365.    81.69    47.66    46.61    40.63    36.05    37.12    31.44    33.27    29.45    60.36    84.57     0.00     0.00     0.00
 370.    85.36    47.61    45.88    40.29    36.02    36.19    30.17    33.10    29.44    59.64    84.02     0.00     0.00     0.00
 375.    93.83    51.76    47.22    41.58    36.19    36.90    30.61    33.93    29.75    59.29    84.33     0.00     0.00     0.00
 380.   100.56    53.05    46.39    41.27    35.12    36.32    30.29    33.37    29.77    61.02    83.64     0.00     0.00     0.00
 385.   109.49    52.85    47.15    41.12    35.37    37.89    31.51    32.46    29.27    62.21    83.79     0.00     0.00     0.00
 390.   101.58    49.66    45.24    40.56    35.37    37.76    33.85    34.27    30.41    63.60    84.67     0.00     0.00     0.00
 395.    90.48    47.32    45.24    40.80    37.98    41.34    34.71    33.68    30.71    63.59    85.38     0.00     0.00     0.00
 400.    96.57    47.24    46.17    41.46    38.15    39.76    33.71    35.44    30.46    64.64    84.98     0.00     0.00     0.00
 405.   102.00    50.27    48.98    43.58    39.54    49.10    33.00    35.29    30.22    64.74    85.50     0.00     0.00     0.00
 410.   110.22    50.90    48.88    43.10    37.61    39.19    31.24    33.90    29.27    63.33    85.50     0.00     0.00     0.00
 415.   108.44    55.51    48.15    41.61    36.78    40.37    34.41    35.27    28.30    59.12    85.14     0.00     0.00     0.00
 420.   108.61    51.71    47.66    43.39    37.27    39.85    33.90    37.19    28.60    56.41    85.86     0.00     0.00     0.00
 425.   105.39    43.66    47.56    43.27    35.54    48.27    33.58    37.66    29.55    56.58    87.01     0.00     0.00     0.00
 430.   104.27    48.51    46.80    42.54    35.80    34.93    32.32    36.24    29.46    59.62    87.07     0.00     0.00     0.00
 435.   100.27    59.17    47.17    43.05    37.58    34.41    32.88    36.15    29.66    61.07    87.48     0.00     0.00     0.00
 440.   102.27    50.34    46.68    41.27    35.44    34.61    32.49    34.05    29.80    61.86    87.48     0.00     0.00     0.00
 445.   104.56    54.05    48.56    42.22    35.46   129.00    31.76    34.29    29.90    62.67    87.38     0.00     0.00     0.00
 450.   105.49    59.62    52.34    44.10    37.12    36.32    31.63    34.78    29.41    64.31    87.52     0.00     0.00     0.00
 455.   104.10    60.45    57.05    44.88    35.71   119.15    32.10    32.85    29.27    63.95    86.19     0.00     0.00     0.00
 460.   107.71    58.76    51.08    44.71    37.09    34.08    32.54    33.39    29.83    64.45    87.59     0.00     0.00     0.00
 465.   115.44    59.55    55.15    45.19    35.45   103.39    32.93    34.12    30.22    66.14    87.55     0.00     0.00     0.00
 470.   109.22    60.24    57.12    45.63    37.27   104.22    34.15    34.56    30.44    66.19    88.90     0.00     0.00     0.00
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TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
 475.   113.54    57.93    50.15    44.07    37.46    93.40    34.24    35.17    29.38    63.24    88.62     0.00     0.00     0.00
 480.   103.19    62.90    52.29    44.15    35.56    77.80    33.80    35.63    29.40    61.40    89.36     0.00     0.00     0.00
 485.   100.49    56.32    50.63    42.08    36.93    81.45    33.44    33.95    29.39    63.76    89.83     0.00     0.00     0.00
 490.   113.80    57.07    50.85    44.51    37.90    69.61    32.90    34.93    30.00    66.55    88.24     0.00     0.00     0.00
 495.   116.12    61.26    52.05    44.90    37.49    70.58    34.10    36.78    29.77    64.50    89.74     0.00     0.00     0.00
 500.   103.12    65.52    49.95    43.89    35.19    79.38    32.98    36.34    29.76    63.76    90.40     0.00     0.00     0.00
 505.   102.90    59.31    50.29    42.85    34.45   103.07    32.46    35.46    29.61    66.05    90.59     0.00     0.00     0.00
 510.   109.73    61.90    51.34    44.39    33.78   111.27    33.02    34.41    29.46    64.19    91.17     0.00     0.00     0.00
 515.   106.37    56.54    50.98    43.37    36.80   122.88    32.80    34.10    29.88    67.59    93.14     0.00     0.00     0.00
 520.    97.31    59.29    48.71    42.80    36.34    83.95    33.85    33.71    29.60    65.81    90.50     0.00     0.00     0.00
 525.    95.86    56.24    49.05    42.39    37.71   102.17    34.32    35.58    29.05    60.38    90.55     0.00     0.00     0.00
 530.   105.00    62.74    53.90    44.95    36.61   112.76    31.95    36.39    30.07    62.93    90.50     0.00     0.00     0.00
 535.   104.83    69.85    51.34    44.80    33.78   126.44    31.58    33.78    30.07    66.67    89.86     0.00     0.00     0.00
 540.   113.02    63.98    55.29    43.90    37.27   116.27    32.49    33.98    29.55    65.93    90.09     0.00     0.00     0.00
 545.   112.34    59.69    53.66    46.41    37.15   108.76    32.08    35.85    29.80    66.64    90.19     0.00     0.00     0.00
 550.   110.29    60.98    52.58    47.80    35.49    90.50    33.56    35.46    30.49    71.41    91.02     0.00     0.00     0.00
 555.   105.54    63.24    55.54    48.51    36.02    97.38    33.63    35.22    31.02    66.59    90.64     0.00     0.00     0.00
 560.   111.78    72.00    54.44    48.46    36.05    89.24    32.49    35.12    30.83    66.64    91.29     0.00     0.09     0.00
 565.   113.73    63.19    54.90    47.71    38.19    71.37    33.71    34.24    30.27    70.15    90.81     0.00     0.00     0.00
 570.   116.88    70.88    54.46    46.51    39.58    79.24    33.41    36.37    30.29    71.02    90.07     0.00     0.00     0.00
 575.   115.71    77.61    60.05    48.00    34.83    88.93    32.00    36.61    31.46    70.73    90.00     0.00     0.00     0.00
 580.   113.80    88.57    67.14    48.54    35.37   110.22    33.56    35.22    31.39    69.80    90.50     0.00     0.00     0.00
 585.   118.61    81.98    59.29    48.80    38.90   104.22    34.46    36.39    31.27    67.31    90.79     0.00     0.00     0.00
 590.   114.19    78.57    57.34    45.93    37.19    30.49    33.00    36.54    32.00    70.22    90.98     0.00     0.00     0.00
 595.   115.27    79.22    55.85    47.05    39.68    86.43    33.15    34.80    31.24    72.00    90.95     0.00     0.00     0.00
 600.   113.29    78.07    56.15    45.95    36.76    74.54    32.07    35.29    30.80    70.95    91.02     0.00     0.00     0.00
 605.    96.81    66.19    51.68    46.02    39.15   102.61    33.44    37.15    30.80    70.39    90.05     0.00     0.00     0.00
 610.   109.24    58.83    55.49    47.02    35.54    70.85    33.98    36.46    30.73    70.95    89.74     0.00     0.00     0.00
 615.   111.73    62.98    51.98    45.80    37.24    87.02    35.61    36.07    31.56    71.80    89.67     0.00     0.00     0.00
 620.   107.41    76.00    55.15    46.63    39.59   111.63    35.17    35.68    31.27    71.80    90.57     0.00     0.00     0.00
 625.   112.15    64.86    51.93    46.05    38.78    41.39    35.51    35.56    30.85    70.27    90.83     0.00     0.00     0.00
 630.   103.41    58.24    53.56    47.83    42.58    41.46    34.61    34.98    31.34    71.27    90.69     0.00     0.00     0.00
 635.   104.39    58.32    51.15    46.71    40.95    40.05    36.27    35.22    31.85    71.39    91.64     0.00     0.00     0.00
 640.   101.49    63.21    52.02    46.19    37.24    40.44    35.24    36.56    30.76    67.14    90.71     0.00     0.00     0.00
 645.    97.05    58.46    50.98    45.00    38.17    42.85    35.19    36.66    30.34    64.81    91.45     0.00     0.00     0.00
 650.   105.02    61.43    50.51    46.22    40.22    41.24    36.83    37.95    31.58    65.38    91.07     0.00     0.00     0.00
 655.   104.12    62.24    53.56    46.80    38.83    40.83    33.95    37.73    29.46    64.29    90.09     0.00     0.00     0.00
 660.   103.39    60.69    50.88    45.10    39.37    39.54    33.24    35.88    29.93    62.50    89.31     0.00     0.00     0.00
 665.   104.93    66.21    50.63    43.51    39.07    30.37    32.29    34.41    31.32    64.40    89.43     0.00     0.00     0.00
 670.   102.51    70.15    52.54    43.83    36.46    40.41    33.85    35.49    30.58    64.71    87.59     0.00     0.00     0.00
 675.   106.27    73.17    54.78    46.58    37.12    37.76    33.54    35.39    30.61    66.09    87.98     0.00     0.00     0.00
 680.   102.34    65.64    52.34    45.44    34.24    36.95    32.29    33.61    30.63    65.07    87.17     0.00     0.00     0.00
 685.    99.43    59.57    50.54    44.54    34.41    39.44    32.17    34.63    30.76    65.76    86.45     0.00     0.00     0.00
 690.    94.17    60.69    52.22    46.02    38.39    39.80    33.07    34.49    29.73    66.71    86.36     0.00     0.00     0.00
 695.    95.02    63.57    51.29    44.27    37.95    40.58    33.80    36.44    30.61    65.93    86.76     0.00     0.00     0.00
 700.    91.00    58.74    49.73    43.44    39.15    39.32    34.07    37.73    31.61    64.81    86.45     0.00     0.00     0.00
 705.    93.21    57.00    50.05    44.71    37.34    39.95    34.00    36.29    30.83    64.64    85.79     0.00     0.00     0.00
 710.    90.69    57.98    50.00    44.83    37.76    30.00    33.90    35.37    30.19    61.69    85.14     0.00     0.00     0.00
 715.    89.24    65.26    52.02    43.95    37.17    40.76    32.61    34.07    30.71    62.02    84.79     0.00     0.00     0.00
 720.    88.62    60.52    50.80    44.00    36.15    30.05    33.24    34.71    29.44    61.19    84.01     0.00     0.00     0.00
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TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
725.	94.43	61.74	49.66	42.85	36.39	40.66	33.00	34.61	29.34	61.24	84.19	0.00	0.00	0.00
730.	93.64	61.98	51.10	44.39	36.32	35.83	31.05	34.66	30.49	60.48	83.64	0.00	0.00	0.00
735.	92.98	62.21	49.44	44.83	34.17	34.58	31.63	33.88	29.90	59.17	83.36	0.00	0.00	0.00
740.	90.29	67.71	51.24	44.95	34.73	36.19	31.51	34.39	29.56	62.17	83.83	0.00	0.00	0.00
745.	88.57	74.02	50.54	43.73	36.78	37.54	32.44	33.90	29.68	61.29	83.09	0.00	0.00	0.00
750.	90.48	67.29	49.05	43.85	36.44	39.76	33.56	34.07	29.78	62.38	82.17	0.00	0.00	0.00
755.	87.40	59.90	49.10	41.98	35.80	38.63	33.07	33.02	30.12	62.33	81.90	0.00	0.00	0.00
760.	82.90	56.51	47.88	43.61	34.88	37.56	32.61	33.44	30.19	61.38	81.17	0.00	0.00	0.00
765.	78.33	58.90	51.78	44.76	36.98	38.44	33.29	33.51	29.93	62.33	80.88	0.00	0.00	0.00
770.	77.39	56.73	52.41	44.61	37.15	38.02	32.71	34.24	30.15	62.40	80.98	0.00	0.00	0.00
775.	79.27	53.41	50.02	44.58	35.63	36.85	32.93	32.95	30.07	62.36	80.79	0.00	0.00	0.00
780.	82.79	58.12	53.76	45.68	34.07	37.54	33.39	32.29	29.61	61.81	80.17	0.00	0.00	0.00
785.	83.12	57.65	52.51	45.51	36.00	39.10	36.39	32.73	29.90	62.57	79.74	0.00	0.00	0.00
790.	80.95	59.59	48.90	42.63	37.29	37.27	32.71	34.61	30.37	62.69	79.12	0.00	0.00	0.00
795.	81.86	58.39	49.00	45.15	36.51	37.24	31.27	31.32	29.37	62.52	79.14	0.00	0.00	0.00
800.	78.29	53.61	47.61	43.66	36.39	36.12	31.98	32.78	29.27	61.59	78.40	0.00	0.00	0.00
805.	77.39	57.22	49.80	41.19	34.19	36.00	30.73	32.68	29.49	62.57	78.24	0.00	0.00	0.00
810.	70.63	57.02	49.27	42.37	35.61	38.24	31.80	32.46	29.55	61.64	78.05	0.00	0.00	0.00
815.	73.02	51.63	48.02	42.46	35.39	38.51	32.76	32.19	29.42	60.55	78.00	0.00	0.00	0.00
820.	66.95	50.76	45.95	40.32	33.88	37.39	32.44	33.41	29.90	59.69	79.24	0.00	0.00	0.00
825.	71.56	49.88	45.68	40.41	34.68	36.63	32.00	32.78	29.85	59.02	78.90	0.00	0.00	0.00
830.	73.46	51.61	44.39	42.46	35.51	41.19	33.49	33.88	29.37	60.33	78.85	0.00	0.00	0.00
835.	74.41	53.22	49.80	43.32	36.34	37.39	32.10	34.02	29.80	59.57	78.54	0.00	0.00	0.00
840.	75.73	52.98	46.49	41.56	34.83	36.41	31.71	32.63	30.46	57.86	77.90	0.00	0.00	0.00
845.	71.88	52.78	47.71	43.34	38.73	35.73	31.00	32.34	29.90	57.12	77.10	0.00	0.00	0.00
850.	62.36	51.88	47.63	44.34	34.37	35.80	30.71	31.88	29.72	57.86	76.80	0.00	0.00	0.00
855.	71.68	54.15	47.22	42.39	36.17	37.83	32.39	32.90	29.88	58.05	76.29	0.00	0.00	0.00
860.	67.40	53.05	45.29	40.88	35.44	37.49	31.68	32.85	29.60	56.29	75.85	0.00	0.00	0.00
865.	64.81	49.54	47.15	41.56	34.71	35.19	30.98	34.37	30.07	58.02	75.61	0.00	0.00	0.00
870.	64.05	51.76	47.02	41.27	35.41	36.49	30.51	31.73	29.85	57.58	75.29	0.00	0.00	0.00
875.	61.38	49.12	45.90	41.98	35.49	38.61	31.22	31.37	29.42	57.83	75.00	0.00	0.00	0.00
880.	62.09	49.34	47.93	43.05	36.58	35.88	31.10	31.49	28.77	57.61	74.54	0.00	0.00	0.00
885.	63.00	53.76	49.39	44.17	35.02	34.29	30.00	31.83	28.42	55.61	74.15	0.00	0.00	0.00
890.	60.79	48.78	49.71	43.69	39.07	36.51	30.54	30.68	28.27	55.98	73.58	0.00	0.00	0.00
895.	63.81	50.90	48.39	44.19	38.12	36.19	30.19	30.02	28.00	54.56	73.44	0.00	0.00	0.00
900.	65.64	52.66	49.02	44.41	40.02	36.71	31.71	32.32	28.55	52.29	73.00	0.00	0.00	0.00
905.	65.98	59.07	49.02	43.93	36.22	35.10	31.88	32.24	29.27	50.27	72.58	0.00	0.00	0.00
910.	66.76	54.68	49.73	42.78	36.85	35.83	32.95	32.07	29.67	50.93	72.15	0.00	0.00	0.00
915.	72.51	63.57	50.05	43.78	37.76	38.19	33.34	32.58	29.95	51.41	71.76	0.00	0.00	0.00
920.	69.90	61.29	48.02	42.73	36.37	38.49	32.98	32.71	30.29	50.56	71.54	0.00	0.00	0.00
925.	72.07	65.26	51.68	43.00	36.37	735.67	32.76	32.24	30.37	49.76	71.19	0.00	0.00	0.00
930.	67.74	61.81	52.32	43.56	36.90	493.02	33.44	32.44	29.68	49.24	70.80	0.00	0.00	0.00

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TIME        28        29        30       31          32        33        34        35        36        37        38        39        40        41
   0.      0.00      0.00     19.92    -37.57       0.01     -0.00     -0.01     -0.21      0.00      0.00      0.00      0.00     21.00     -0.03
   0.      0.00      0.00     30.14    -54.91       0.01     -0.00     -0.00      0.14      0.00      0.00      0.00      0.00     21.00     -0.28
   0.      0.00      0.00     40.62    -23.12       0.01     -0.01     -0.00     -0.16      0.00      0.00      0.00      0.00     21.00      0.04
   0.      0.00      0.00     50.88    -17.34       0.01      0.00     -0.00      0.11      0.00      0.00      0.00      0.00     21.00      0.02
   0.      0.00      0.00     60.15    -34.68       0.01      0.00     -0.00     -0.24      0.00      0.00      0.00      0.00     21.00      0.12
   0.      0.00      0.00     70.37    -43.35       0.01     -0.01     -0.00     -0.09      0.00      0.00      0.00      0.00     21.00      0.13
   5.      0.00      0.00     10.67   3488.23       0.01     -0.00     -0.00     -0.27      0.00      0.00      0.00      0.00     20.65      0.67
  10.      0.00      0.00     19.92   3494.01       0.01      0.00     -0.00      0.04      0.00      0.00      0.00      0.00     20.65      0.14
  15.      0.00      0.00     30.16   3491.12       0.01      0.00      0.00      0.17      0.00      0.00      0.00      0.00     20.64      0.25
  20.      0.00      0.00     40.62   3494.01       0.01      0.00      0.00      0.05      0.00      0.00      0.00     -0.00     20.64      0.33
  25.      0.00      0.00     50.86   3496.90       0.01      0.00      0.00      0.06      0.00      0.00      0.00      0.00     20.60      0.38
  30.      0.00      0.00     60.13   3499.79       0.01     -0.00      0.00      0.26      0.00      0.00      0.00      0.00     20.56      0.88
  35.      0.00      0.00     70.38   3499.79       0.01     -0.00      0.00      0.03      0.00      0.00      0.00      0.00     20.52      0.89
  40.      0.00      0.00     10.67   3511.35       0.02      0.00      0.01      0.28      0.00      0.00      0.00      0.00     20.50      0.53
  45.      0.00      0.00     19.92   3491.12       0.01      0.00      0.01      0.18      0.00      0.00      0.00      0.00     20.46      0.28
  50.      0.00      0.00     30.16   3494.01       0.01      0.00      0.01      0.12      0.00      0.00      0.00      0.00     20.44      0.78
  55.      0.00      0.00     40.62   3494.01       0.01     -0.00      0.01      0.14      0.00      0.00      0.00      0.00     20.43      1.05
  60.      0.00      0.00     50.87   3499.79       0.01     -0.00      0.02      0.13      0.00      0.00      0.00      0.00     20.41      1.25
  65.      0.00      0.00     60.14   3496.90       0.02      0.00      0.03     -0.01      0.00      0.00      0.00      0.00     20.36      1.74
  70.      0.00      0.00     70.38   3485.34       0.02      0.01      0.04     -0.22      0.00      0.00      0.00      0.00     20.33      1.62
  75.      0.00      0.00     10.67   3473.78       0.03      0.02      0.06      0.76      0.00      0.00      0.00      0.00     20.29      2.05
  80.      0.00      0.00     19.92   3459.33       0.03      0.02      0.08      0.19      0.00      0.00      0.00      0.00     20.23      2.50
  85.      0.00      0.00     30.16   3456.44       0.04      0.03      0.10      0.04      0.00      0.00      0.00      0.00     20.16      2.81
  90.      0.00      0.00     40.63   3433.32       0.05      0.03      0.12      0.12      0.00      0.00      0.00      0.00     20.06      2.31
  95.      0.00      0.00     50.87   3407.31       0.05      0.04      0.15      0.06      0.00      0.00      0.00      0.00     19.97      1.74
 100.      0.00      0.00     60.14   3410.20       0.06      0.05      0.15     -0.10      0.00      0.00      0.00      0.00     19.85      2.66
 105.      0.00      0.00     70.39   3398.64       0.07      0.05      0.17     -0.22      0.00      0.00      0.00      0.00     19.75      3.37
 110.      0.00      0.00     10.67   3366.85       0.07      0.06      0.20      1.45      0.00      0.00      0.00      0.00     19.64      2.43
 115.      0.00      0.00     19.94   3343.73       0.08      0.06      0.21      0.71      0.00      0.00      0.00      0.00     19.53      4.11
 120.      0.00      0.00     30.17   3311.94       0.09      0.07      0.21      0.14      0.00      0.00      0.00      0.00     19.45      3.85
 125.      0.00      0.00     40.64   3291.71       0.10      0.03      0.23      0.08      0.00      0.00      0.00      0.00     19.35      3.74
 130.      0.00      0.00     50.88   3254.14       0.12      0.09      0.27      0.06      0.00      0.00      0.00      0.00     19.29      5.13
 135.      0.00      0.00     60.15   3222.35       0.13      0.10      0.36     -0.65      0.00      0.00      0.00      0.00     19.22      3.79
 140.      0.00      0.00     70.39   3187.67       0.13      0.10      0.31      0.18      0.00      0.00      0.00      0.00     19.10      6.41
 145.      0.00      0.00     10.67   3161.66       0.13      0.10      0.32      1.74      0.00      0.00      0.00      0.00     19.00      7.19
 150.      0.00      0.00     19.92   3155.88       0.13      0.11      0.34      0.93      0.00      0.00      0.00      0.00     19.32      5.13
 155.      0.00      0.00     30.17   3103.86       0.14      0.11      0.31      0.08      0.00      0.00      0.00      0.00     18.78      5.65
 160.      0.00      0.00     40.64   3054.73       0.15      0.12      0.38     -0.16      0.00      0.00      0.00      0.00     18.70      7.33
 165.      0.00      0.00     50.87   3031.61       0.15      0.13      0.32      0.13      0.00      0.00      0.00      0.00     18.62      4.30
 170.      0.00      0.00     60.15   2999.82       0.16      0.13      0.35      0.10      0.00      0.00      0.00      0.00     18.58      5.22
 175.      0.00      0.00     70.39   2953.58       0.18      0.13      0.38     -0.41      0.00      0.00      0.00      0.00     18.55      7.68
 180.      0.00      0.00     10.67   2904.45       0.18      0.13      0.43      2.08      0.00      0.00      0.00      0.00     18.56      6.38
 185.      0.00      0.00     19.92   2895.78       0.17      0.13      0.39      1.14      0.00      0.00      0.00      0.00     18.56      5.57
 190.      0.00      0.00     30.17   2858.21       0.16      0.13      0.39      0.08      0.00      0.00      0.00      0.00     18.56      5.19
 195.      0.00      0.00     40.64   2837.98       0.16      0.12      0.38     -0.44      0.00      0.00      0.00      0.00     18.56      4.45
 200.      0.00      0.00     50.87   2797.52       0.15      0.12      0.38      0.14      0.00      0.00      0.00      0.00     18.57      5.43
 205.      0.00      0.00     60.15   2777.29       0.15      0.11      0.34     -0.54      0.00      0.00      0.00      0.00     18.57      5.86
 210.      0.00      0.00     70.39   2739.72       0.16      0.11      0.38     -0.41      0.00      0.00      0.00      0.00     18.58      5.29
 215.      0.00      0.00     10.67   2707.93       0.16      0.11      0.40      2.20      0.00      0.00      0.00      0.00     18.68      6.47
 220.      0.00      0.00     19.93   2681.92       0.16      0.12      0.40      0.61      0.00      0.00      0.00      0.00     18.70      3.61
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TIME      28      29      30      31       32      33      34      35      36      37      38      39      40      41
 225.    0.00    0.00   30.16  2641.46    0.16    0.11    0.38    0.13    0.00    0.00    0.00    0.00   18.66    5.47
 230.    0.00    0.00   40.63  2629.90    0.16    0.11    0.36   -0.18    0.00    0.00    0.00    0.00   18.67    6.91
 235.    0.00    0.00   50.88  2601.00    0.15    0.11    0.35    0.12    0.00    0.00    0.00    0.00   18.66    4.34
 240.    0.00    0.00   60.15  2577.88    0.15    0.10    0.34   -0.40    0.00    0.00    0.00    0.00   18.67    5.54
 245.    0.00    0.00   70.40  2548.98    0.14    0.10    0.35   -0.39    0.00    0.00    0.00    0.00   18.67    3.74
 250.    0.00    0.00   10.67  2525.86    0.14    0.10    0.32    1.57    0.00    0.00    0.00    0.00   18.70    5.38
 255.    0.00    0.00   19.92  2499.85    0.15    0.10    0.35    1.24    0.00    0.00    0.00    0.00   18.76    4.33
 260.    0.00    0.00   30.16  2473.84    0.15    0.10    0.31    0.06    0.00    0.00    0.00    0.00   18.80    5.40
 265.    0.00    0.00   40.63  2450.72    0.15    0.10    0.33    0.05    0.00    0.00    0.00    0.00   18.86    3.84
 270.    0.00    0.00   50.88  2430.49    0.15    0.10    0.36   -0.45    0.00    0.00    0.00    0.00   18.82    3.64
 275.    0.00    0.00   60.16  2401.59    0.15    0.10    0.37   -0.47    0.00    0.00    0.00    0.00   18.84    4.77
 280.    0.00    0.00   70.39  2381.36    0.15    0.10    0.33    0.13    0.00    0.00    0.00    0.00   18.88    4.54
 285.    0.00    0.00   10.67  2361.13    0.15    0.09    0.30    1.96    0.00    0.00    0.00    0.00   18.84    4.10
 290.    0.00    0.00   19.93  2323.56    0.15    0.09    0.32    0.87    0.00    0.00    0.00    0.00   18.86    4.07
 295.    0.00    0.00   30.17  2300.44    0.16    0.09    0.35    0.19    0.00    0.00    0.00    0.00   18.87    3.88
 300.    0.00    0.00   40.64  2274.43    0.15    0.09    0.32   -0.15    0.00    0.00    0.00    0.00   18.69    5.18
 305.    0.00    0.00   50.87  2245.53    0.14    0.09    0.30    0.12    0.00    0.00    0.00    0.00   18.90    4.89
 310.    0.00    0.00   60.15  2225.30    0.15    0.09    0.30   -0.26    0.00    0.00    0.00    0.00   18.88    4.21
 315.    0.00    0.00   70.39  2202.18    0.14    0.09    0.34   -0.40    0.00    0.00    0.00    0.00   18.87    4.35
 320.    0.00    0.00   10.67  2193.51    0.14    0.09    0.31    1.75    0.00    0.00    0.00    0.00   18.90    5.22
 325.    0.00    0.00   19.92  2155.94    0.14    0.08    0.29    0.69    0.00    0.00    0.00    0.00   18.93    4.31
 330.    0.00    0.00   30.16  2135.71    0.15    0.08    0.31    0.10    0.00    0.00    0.00    0.00   18.95    4.55
 335.    0.00    0.00   40.63  2118.37    0.15    0.08    0.36   -0.36    0.00    0.00    0.00    0.00   18.99    3.85
 340.    0.00    0.00   50.87  2098.14    0.15    0.09    0.37   -0.40    0.00    0.00    0.00    0.00   18.98    5.12
 345.    0.00    0.00   60.14  2080.80    0.15    0.09    0.35   -0.32    0.00    0.00    0.00    0.00   19.00    4.43
 350.    0.00    0.00   70.38  2066.35    0.14    0.09    0.35   -0.46    0.00    0.00    0.00    0.00   18.99    4.48
 355.    0.00    0.00   10.67  2046.12    0.14    0.09    0.34    1.58    0.00    0.00    0.00    0.00   18.96    4.80
 360.    0.00    0.00   19.91  2005.66    0.14    0.08    0.34    0.64    0.00    0.00    0.00    0.00   18.93    4.74
 365.    0.00    0.00   30.15  1999.88    0.14    0.08    0.33   -0.07    0.00    0.00    0.00    0.00   18.91    3.68
 370.    0.00    0.00   40.62  1988.32    0.14    0.07    0.33   -0.18    0.00    0.00    0.00    0.00   18.95    4.49
 375.    0.00    0.00   50.86  1953.64    0.14    0.08    0.33   -0.34    0.00    0.00    0.00    0.00   18.98    4.65
 380.    0.00    0.00   60.14  1942.08    0.14    0.08    0.34   -0.51    0.00    0.00    0.00    0.00   19.01    4.31
 385.    0.00    0.00   70.38  1924.74    0.14    0.08    0.32   -0.42    0.00    0.00    0.00    0.00   19.03    4.48
 390.    0.00    0.00   10.67  1895.84    0.15    0.08    0.33    1.81    0.00    0.00    0.00    0.00   19.03    4.31
 395.    0.00    0.00   19.92  1855.38    0.14    0.08    0.30    0.24    0.00    0.00    0.00    0.00   19.03    4.57
 400.    0.00    0.00   30.16  1849.60    0.14    0.08    0.30   -0.50    0.00    0.00    0.00    0.00   19.05    4.47
 405.    0.00    0.00   40.63  1829.37    0.15    0.08    0.31   -0.39    0.00    0.00    0.00    0.00   19.05    4.74
 410.    0.00    0.00   50.87  1809.14    0.15    0.08    0.32   -0.45    0.00    0.00    0.00    0.00   19.04    5.03
 415.    0.00    0.00   60.14  1700.24    0.15    0.08    0.31   -0.49    0.00    0.00    0.00    0.00   19.10    4.72
 420.    0.00    0.00   70.39  1754.23    0.15    0.08    0.31   -0.44    0.00    0.00    0.00    0.00   19.10    4.41
 425.    0.00    0.00   10.67  1731.11    0.15    0.08    0.31    1.84    0.00    0.00    0.00    0.00   19.09    4.22
 430.    0.00    0.00   19.92  1719.55    0.15    0.08    0.37    0.36    0.00    0.00    0.00    0.00   19.08    3.80
 435.    0.00    0.00   30.16  1699.32    0.15    0.08    0.36   -0.17    0.00    0.00    0.00    0.00   19.04    4.25
 440.    0.00    0.00   40.64  1667.53    0.15    0.08    0.32   -0.31    0.00    0.00    0.00    0.00   19.01    4.58
 445.    0.00    0.00   50.87  1641.52    0.15    0.08    0.32   -0.42    0.00    0.00    0.00    0.00   19.04    4.65
 450.    0.00    0.00   60.15  1615.51    0.15    0.09    0.32    0.12    0.00    0.00    0.00    0.00   19.05    4.81
 455.    0.00    0.00   70.39  1606.84    0.15    0.08    0.30   -0.39    0.00    0.00    0.00    0.00   19.08    3.82
 460.    0.00    0.00   10.67  1577.94    0.15    0.08    0.32    1.91    0.00    0.00    0.00    0.00   19.08    4.62
 465.    0.00    0.00   19.92  1569.27    0.15    0.08    0.32    1.03    0.00    0.00    0.00    0.00   19.10    4.66
 470.    0.00    0.00   30.16  1549.04    0.16    0.09    0.33    0.13    0.00    0.00    0.00    0.00   19.08    4.72
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TIME       28        29        30      31        32        33        34        35        36        37        38        39        40        41
 475.     0.00      0.00     40.63  1525.92     0.16      0.08      0.35     -0.44      0.00      0.00      0.00      0.00     19.08      4.54
 480.     0.00      0.00     50.87  1514.36     0.16      0.08      0.35     -0.53      0.00      0.00      0.00      0.00     19.07      4.76
 485.     0.00      0.00     60.14  1476.79     0.15      0.08      0.34     -0.32      0.00      0.00      0.00      0.00     19.08      4.39
 490.     0.00      0.00     70.33  1459.45     0.15      0.08      0.36     -0.40      0.00      0.00      0.00      0.00     19.10      4.75
 495.     0.00      0.00     10.66  1445.00     0.16      0.08      0.37      1.80      0.00      0.00      0.00      0.00     19.09      4.56
 500.     0.00      0.00     19.91  1410.32     0.16      0.08      0.36      0.67      0.00      0.00      0.00      0.00     19.08      3.98
 505.     0.00      0.00     30.15  1491.65     0.16      0.08      0.36      0.09      0.00      0.00      0.00      0.00     19.09      4.8!
 510.     0.00      0.00     40.62  1387.20     0.16      0.08      0.35      0.05      0.00      0.00      0.00      0.00     19.09      4.79
 515.     0.00      0.00     50.86  1369.86     0.16      0.08      0.35     -0.47      0.00      0.00      0.00      0.00     19.09      4.48
 520.     0.00      0.00     60.15  1361.19     0.16      0.08      0.38     -0.48      0.00      0.00      0.00      0.00     19.08      4.28
 525.     0.00      0.00     70.39  1314.95     0.15      0.08      0.34     -0.30      0.00      0.00      0.00      0.00     19.06      4.83
 530.     0.00      0.00     10.67  1294.72     0.16      0.08      0.34      1.66      0.00      0.00      0.00      0.00     19.10      4.05
 535.     0.00      0.00     19.91  1260.71     0.16      0.08      0.33      0.87      0.00      0.00      0.00      0.00     19.08      4.43
 540.     0.00      0.00     30.16  1257.15     0.16      0.08      0.35      0.11      0.00      0.00      0.00      0.00     19.09      4.03
 545.     0.00      0.00     40.63  1239.81     0.16      0.08      0.32     -0.33      0.00      0.00      0.00      0.00     19.08      4.79
 550.     0.00      0.00     50.88  1213.80     0.17      0.08      0.33     -0.44      0.00      0.00      0.00      0.00     19.09      4.49
 555.     0.00      0.00     60.16  1199.35     0.16      0.08      0.34     -0.38      0.00      0.00      0.00      0.00     19.12      5.36
 560.     0.00      0.00     70.39  1164.67     0.16      0.08      0.32     -0.30      0.00      0.00      0.00      0.00     19.12      5.04
 565.     0.00      0.00     10.67  1147.33     0.16      0.08      0.31      2.02      0.00      0.00      0.00      0.00     19.14      5.54
 570.     0.00      0.00     19.93  1132.88     0.16      0.08      0.29      1.27      0.00      0.00      0.00      0.00     19.14      5.01
 575.     0.00      0.00     30.17  1109.76     0.16      0.09      0.33      0.11      0.00      0.00      0.00      0.00     19.11      4.06
 580.     0.00      0.00     40.64  1092.42     0.17      0.08      0.34     -0.41      0.00      0.00      0.00      0.00     19.12      4.83
 585.     0.00      0.00     50.87  1080.63     0.16      0.08      0.35     -0.61      0.00      0.00      0.00      0.00     19.14      4.36
 590.     0.00      0.00     60.16  1063.52     0.16      0.09      0.34     -0.47      0.00      0.00      0.00      0.00     19.16      5.07
 595.     0.00      0.00     70.39  1037.51     0.16      0.08      0.32     -0.37      0.00      0.00      0.00      0.00     19.20      4.04
 600.     0.00      0.00     10.67   997.05     0.16      0.09      0.33      1.98      0.00      0.00      0.00      0.00     19.17      4.46
 605.     0.00      0.00     19.91   988.38     0.16      0.08      0.33      1.27      0.00      0.00      0.00      0.00     19.17      4.48
 610.     0.00      0.00     30.15   979.71     0.15      0.09      0.30      0.12      0.00      0.00      0.00      0.00     19.21      4.48
 615.     0.00      0.00     40.61   959.48     0.15      0.08      0.35     -0.36      0.00      0.00      0.00      0.00     19.20      4.52
 620.     0.00      0.00     50.87   959.48     0.16      0.09      0.34      0.22      0.00      0.00      0.00      0.00     19.21      4.49
 625.     0.00      0.00     60.14   950.81     0.15      0.07      0.35     -0.54      0.00      0.00      0.00      0.00     19.24      4.68
 630.     0.00      0.00     70.38   927.69     0.15      0.08      0.33     -0.45      0.00      0.00      0.00      0.00     19.23      4.20
 635.     0.00      0.00     10.67   913.24     0.16      0.08      0.34      1.59      0.00      0.00      0.00      0.00     19.25      4.88
 640.     0.00      0.00     19.92   895.90     0.16      0.08      0.35      1.26      0.00      0.00      0.00      0.00     19.23      3.30
 645.     0.00      0.00     30.17   878.56     0.15      0.08      0.31      0.09      0.00      0.00      0.00      0.00     19.23      4.16
 650.     0.00      0.00     40.64   852.55     0.15      0.09      0.31      0.16      0.00      0.00      0.00      0.00     19.24      4.32
 655.     0.00      0.00     50.88   840.99     0.15      0.08      0.32     -0.50      0.00      0.00      0.00      0.00     19.26      3.58
 660.     0.00      0.00     60.15   823.65     0.15      0.07      0.30     -0.46      0.00      0.00      0.00      0.00     19.26      3.93
 665.     0.00      0.00     70.39   800.53     0.15      0.07      0.28     -0.37      0.00      0.00      0.00      0.00     19.27      3.73
 670.     0.00      0.00     10.67   791.86     0.14      0.07      0.27      1.94      0.00      0.00      0.00      0.00     19.30      4.18
 675.     0.00      0.00     19.93   783.19     0.14      0.07      0.27      1.27      0.00      0.00      0.00      0.00     19.37      4.30
 680.     0.00      0.00     30.16   771.63     0.14      0.07      0.27     -0.19      0.00      0.00      0.00      0.00     19.38      3.34
 685.     0.00      0.00     40.62   754.29     0.13      0.07      0.27     -0.44      0.00      0.00      0.00      0.00     19.39      4.63
 690.     0.00      0.00     50.86   736.95     0.14      0.07      0.28     -0.37      0.00      0.00      0.00      0.00     19.39      3.97
 695.     0.00      0.03     60.13   725.39     0.14      0.07      0.26     -0.51      0.00      0.00      0.00      0.00     19.42      4.32
 700.     0.00      0.00     70.37   722.50     0.13      0.07      0.26     -0.37      0.00      0.00      0.00      0.00     19.44      3.59
 705.     0.00      0.00     10.67   708.05     0.13      0.07      0.25      1.85      0.00      0.00      0.00      0.00     19.45      3.90
 710.     0.00      0.00     19.92   702.27     0.13      0.06      0.26      1.10      0.00      0.00      0.00      0.00     19.44      3.36
 715.     0.00      0.00     30.16   693.60     0.13      0.05      0.29      0.18      0.00      0.00      0.00      0.00     19.49      3.05
 720.     0.00      0.00     40.64   684.93     0.13      0.06      0.25     -0.32      0.00      0.00      0.00      0.00     19.49      3.73
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TIME      28      29      30      31      32      33      34      35      36      37      38      39      40      41
 725.    0.00    0.00   50.86  658.92    0.13    0.06    0.23    0.05    0.00    0.00    0.00    0.00   19.47    3.87
 730.    0.00    0.00   60.15  653.14    0.13    0.06    0.24   -0.48    0.00    0.00    0.00    0.00   19.48    3.43
 735.    0.00    0.00   70.40  638.69    0.13    0.06    0.23   -0.40    0.00    0.00    0.00    0.00   19.54    3.34
 740.    0.00    0.00   10.67  627.13    0.13    0.06    0.23    1.70    0.00    0.00    0.00    0.00   19.56    3.82
 745.    0.00    0.00   19.93  630.02    0.13    0.06    0.23    0.50    0.00    0.00    0.00    0.00   19.57    3.54
 750.    0.00    0.00   30.16  612.68    0.13    0.06    0.23    0.60    0.00    0.00    0.00    0.00   19.58    3.38
 755.    0.00    0.00   40.64  598.23    0.13    0.06    0.22    0.28    0.00    0.00    0.00    0.00   19.59    3.50
 760.    0.00    0.00   50.88  578.00    0.13    0.06    0.24   -0.47    0.00    0.00    0.00    0.00   19.57    3.02
 765.    0.00    0.00   60.15  578.00    0.13    0.06    0.23   -0.47    0.00    0.00    0.00    0.00   19.60    3.91
 770.    0.00    0.00   70.40  572.22    0.12    0.06    0.22   -0.43    0.00    0.00    0.00    0.00   19.60    3.72
 775.    0.00    0.00   10.67  560.66    0.12    0.06    0.22    1.34    0.00    0.00    0.00    0.00   19.63    3.47
 780.    0.00    0.00   19.92  549.43    0.12    0.06    0.23    0.90    0.00    0.00    0.00    0.00   19.62    3.30
 785.    0.00    0.00   30.15  543.32    0.12    0.06    0.21    0.25    0.00    0.00    0.00    0.00   19.63    2.85
 790.    0.00    0.00   40.63  537.54    0.12    0.05    0.20    0.24    0.00    0.00    0.00    0.00   19.65    2.96
 795.    0.00    0.00   50.87  543.32    0.12    0.05    0.21   -0.32    0.00    0.00    0.00    0.00   19.65    3.04
 800.    0.00    0.00   60.14  537.54    0.11    0.05    0.21   -0.47    0.00    0.00    0.00    0.00   19.64    3.49
 805.    0.00    0.00   70.38  528.87    0.12    0.05    0.18   -0.36    0.00    0.00    0.00    0.00   19.69    3.36
 810.    0.00    0.00   10.67  525.98    0.11    0.05    0.20    1.37    0.00    0.00    0.00    0.00   19.71    2.80
 815.    0.00    0.00   19.93  517.31    0.12    0.05    0.22    1.10    0.00    0.00    0.00    0.00   19.68    3.03
 820.    0.00    0.00   30.17  497.08    0.12    0.05    0.20    0.02    0.00    0.00    0.00    0.00   19.66    2.63
 825.    0.00    0.00   40.64  491.30    0.12    0.05    0.19    0.08    0.00    0.00    0.00    0.00   19.65    2.66
 830.    0.00    0.00   50.88  479.74    0.12    0.05    0.17   -0.48    0.00    0.00    0.00    0.00   19.67    2.51
 835.    0.00    0.00   60.15  468.18    0.12    0.05    0.20   -0.41    0.00    0.00    0.00    0.00   19.68    3.34
 840.    0.00    0.00   70.39  554.88    0.11    0.05    0.18   -0.36    0.00    0.00    0.00    0.00   19.67    2.74
 845.    0.00    0.00   10.67  450.84    0.10    0.05    0.17    1.39    0.00    0.00    0.00    0.00   19.67    2.81
 850.    0.00    0.00   19.91  450.84    0.10    0.05    0.16    0.82    0.00    0.00    0.00    0.00   19.68    2.64
 855.    0.00    0.00   30.16  450.84    0.10    0.05    0.17    0.06    0.00    0.00    0.00    0.00   19.70    2.12
 860.    0.00    0.00   40.62  445.06    0.10    0.05    0.17   -0.10    0.00    0.00    0.00    0.00   19.72    2.71
 865.    0.00    0.00   50.86  450.84    0.09    0.04    0.15   -0.45    0.00    0.00    0.00    0.00   19.75    3.09
 870.    0.00    0.00   60.14  447.95    0.09    0.04    0.15   -0.38    0.00    0.00    0.00    0.00   19.75    2.41
 875.    0.00    0.00   70.39  453.73    0.10    0.04    0.15    0.23    0.00    0.00    0.00    0.00   19.76    2.65
 880.    0.00    0.00   10.67  447.95    0.10    0.05    0.14    1.23    0.00    0.00    0.00    0.00   19.76    2.38
 885.    0.00    0.00   19.93  436.39    0.10    0.04    0.14    0.74    0.00    0.00    0.00    0.00   19.78    2.21
 890.    0.00    0.00   30.17  615.57    0.09    0.05    0.15    0.20    0.00    0.00    0.00    0.00   19.79    2.27
 895.    0.00    0.00   40.64  398.82    0.07    0.05    0.13    0.12    0.00    0.00    0.00    0.00   19.79    2.00
 900.    0.00    0.00   50.88  378.59    0.07    0.05    0.13   -0.40    0.00    0.00    0.00    0.00   19.81    2.31
 905.    0.00    0.00   60.15  367.03    0.07    0.05    0.14   -0.52    0.00    0.00    0.00    0.00   19.84    2.20
 910.    0.00    0.00   70.39  352.58    0.07    0.05    0.11   -0.46    0.00    0.00    0.00    0.00   19.89    2.28
 915.    0.00    0.00   10.67  349.69    0.07    0.05    0.13    1.20    0.00    0.00    0.00    0.00   19.91    2.19
 920.    0.00    0.00   19.93  352.58    0.07    0.05    0.12    1.08    0.00    0.00    0.00    0.00   19.92    2.80
 925.    0.00    0.00   30.15  338.13    0.07    0.04    0.14    0.49    0.00    0.00    0.00    0.00   19.92    2.35
 930.    0.00    0.00   40.63  341.02    0.07    0.04    0.13    0.05    0.00    0.00    0.00    0.00   19.94    2.16
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TIME      42       43       44       45       46       47       48
   0.   -0.11    -0.15     0.21     0.03     0.05     0.00     0.00
   0.    0.36     0.09    -0.55    -0.36     0.10     0.00     0.00
   0.    0.36    -0.34     0.25     0.09     0.03     0.00     0.00
   0.   -0.18     0.38    -0.13     0.18     0.00     0.00     0.00
   0.   -0.20     0.31    -0.24     0.09     0.03     0.00     0.00
   0.   -0.22    -0.29     0.46    -0.03    -0.21     0.00     0.00
   5.    0.06    -0.30     0.12     0.41    -0.59     0.00     5.00
  10.   -0.09     0.30    -0.38     0.14    -0.36     0.00    10.00
  15.   -0.15     0.22    -0.01     0.28    -0.27     0.00    15.00
  20.    0.05     0.26     0.35     0.03    -0.23     0.01    20.00
  25.    0.31    -0.03     0.07     0.20    -0.35     0.03    25.00
  30.   -0.19     0.18     0.16     0.25    -0.45     0.07    30.00
  35.   -0.30     0.48     0.05    -0.00     0.09     0.08    35.00
  40.   -0.00     0.54     0.05    -0.05    -0.21     0.12    40.00
  45.    0.12     0.63    -0.25    -0.07    -0.20     0.14    45.00
  50.   -0.14     0.53     0.06     0.10    -0.07     0.15    50.00
  55.    0.07     0.82    -0.17    -0.07     0.22     0.16    55.00
  60.    0.04     0.78    -0.03    -0.29     0.28     0.21    60.00
  65.    0.02     0.74     0.22    -0.07     0.35     0.27    65.00
  70.    0.38     0.26     0.30    -0.31     0.03     0.30    70.00
  75.    0.58     0.80     0.51     0.08    -0.32     0.38    75.00
  80.    0.83     0.43     0.71    -0.02    -0.50     0.47    80.00
  85.    0.77     1.08    -0.23     0.74    -0.52     0.62    85.00
  90.    0.73     1.95    -0.36    -0.10     0.12     0.83    90.00
  95.    1.97     0.84     0.45     0.01    -0.21     0.87    95.00
 100.    2.47     0.69     0.37    -0.29    -0.85     1.15   100.00
 105.    1.89     1.63    -0.69     1.22    -1.32     1.22   105.00
 110.    3.05     1.16     0.26    -0.03    -1.26     1.40   110.00
 115.    2.61     2.07    -0.86    -1.65    -0.68     1.58   115.00
 120.    2.26     2.46    -0.05    -0.73    -0.85     1.64   120.00
 125.    1.87     1.09     0.96    -0.54    -1.45     1.83   125.00
 130.    2.50     1.84     0.99     0.35    -1.61     1.96   130.00
 135.    5.34     1.00    -0.84     1.15    -1.45     2.03   135.00
 140.    2.83     1.38    -0.42     1.39    -1.49     2.20   140.00
 145.    2.53     1.16     0.07     1.03    -1.35     2.34   145.00
 150.    3.35     3.04    -0.76    -0.80     1.31     2.56   150.00
 155.    2.79     1.29     0.26     0.59    -0.23     2.61   155.00
 160.    2.35     1.52     0.71     0.31    -0.62     2.78   160.00
 165.    3.80     2.32    -0.01    -0.54    -0.14     2.91   165.00
 170.    2.28     3.85     1.20    -1.94     1.41     2.87   170.00
 175.    3.13     3.26    -0.97     0.93    -1.03     2.81   175.00
 180.    2.48     2.38    -1.05    -0.37    -1.62     2.91   180.00
 185.    2.94     2.39    -0.45     0.05     0.22     2.79   185.00
 190.    3.70     2.71    -0.89     0.69    -0.72     2.83   190.00
 195.    3.67     2.52     0.06    -0.58    -0.39     2.71   195.00
 200.    2.28     3.01     0.45     0.05    -0.32     2.93   200.00
 205.    3.82     1.01     0.27    -0.28    -0.29     2.81   205.00
 210.    2.71     2.97     0.07     0.14    -1.16     2.74   210.00
 215.    2.55     1.51     0.86    -0.14    -0.52     2.56   215.00
 220.    4.02     1.89    -0.08    -0.72     0.35     2.69   220.00
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TIME       42       43       44       45       46        47      48
 225.     2.34     2.60    -0.55    -1.25    -1.40      2.69   225.00
 230.     1.68     1.93     0.33     0.29    -0.40      2.66   230.00
 235.     2.39     2.61    -0.01    -0.27    -1.66      2.71   235.00
 240.     3.25     1.37     0.03    -0.79    -1.20      2.61   240.00
 245.     4.09     1.31    -0.64     0.53    -0.68      2.67   245.00
 250.     1.96     1.51     0.47     0.05    -1.11      2.56   250.00
 255.     3.09     2.13     0.25    -1.34     0.35      2.49   255.00
 260.     3.06     2.90    -0.50     0.16    -0.65      2.45   260.00
 265.     2.28     1.67     0.83     0.08    -0.94      2.39   265.00
 270.     3.78     1.52     0.23    -0.31    -0.78      2.47   270.00
 275.     3.04     1.44     1.00    -0.57    -0.19      2.33   275.00
 280.     2.85     1.75     0.25     0.34    -0.85      2.43   280.00
 285.     3.15     1.90    -0.24     0.18    -0.14      2.41   285.00
 290.     3.30     2.07    -0.60    -0.07     0.58      2.40   290.00
 295.     2.88     2.05    -0.64     0.20     0.10      2.37   295.00
 300.     2.27     1.84    -0.25     0.12    -0.61      2.37   300.00
 305.     2.76     0.74     0.32    -0.45    -0.19      2.40   305.00
 310.     2.21     2.77     0.26    -1.28     0.03      2.42   310.00
 315.     2.40     1.49     0.40    -0.35    -0.66      2.35   315.00
 320.     1.57     1.91     0.44    -0.46    -0.59      2.26   320.00
 325.     2.71     2.50    -0.10    -0.74     0.07      2.23   325.00
 330.     2.95     2.38    -0.73     0.19    -0.62      2.22   330.00
 335.     3.97     1.97    -0.79     0.65    -1.32      2.14   335.00
 340.     2.48     2.17    -0.40     0.93    -1.01      2.23   340.00
 345.     2.24     1.95    -0.75     0.47    -0.14      2.22   345.00
 350.     2.19     3.01    -0.27    -0.56    -0.36      2.25   350.00
 355.     2.51     1.57     0.61    -0.72    -0.14      2.28   355.00
 360.     2.60     1.90    -0.13     0.32    -0.24      2.34   360.00
 365.     3.06     2.14    -0.27    -0.31     0.23      2.29   365.00
 370.     2.45     1.78     0.37    -0.08    -0.35      2.23   370.00
 375.     2.32     2.02     0.29    -0.41    -0.03      2.17   375.00
 380.     2.43     2.13    -0.24    -0.37     0.09      2.14   380.00
 385.     1.78     2.11    -0.45     0.02    -0.71      2.14   385.00
 390.     2.59     1.83     0.16    -0.21     0.28      2.14   390.00
 395.     3.46     0.86     0.02     0.71    -1.37      2.11   395.00
 400.     2.60     2.17    -0.17     0.03    -0.68      2.14   400.00
 405.     2.70     1.74    -0.31    -0.03    -0.71      2.15   405.00
 410.     2.66     1.69     0.06    -0.06    -0.14      2.11   410.00
 415.     3.01     1.92    -0.24     0.27    -0.32      2.01   415.00
 420.     2.68     2.27    -0.42     0.41    -0.77      2.03   420.00
 425.     3.28     1.83    -0.21    -0.37    -0.48      2.06   425.00
 430.     2.58     2.13    -0.19    -0.23    -0.26      2.09   430.00
 435.     2.63     1.41     0.20     0.12    -0.27      2.13   435.00
 440.     2.15     2.27    -0.38    -0.37     0.16      2.16   440.00
 445.     2.77     1.74    -0.46     0.77    -0.62      2.17   445.00
 450.     2.52     2.54    -0.27    -0.10     0.09      2.04   450.00
 455.     2.38     2.37    -0.04    -0.46    -0.03      2.01   455.00
 460.     2.79     1.61    -0.00    -0.38    -0.35      2.03   460.00
 465.     2.61     2.15    -0.07    -0.14    -0.46      2.06   465.00
 470.     3.12     1.74     0.37    -0.64    -0.48      2.06   470.00
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TIME        42        43        44        45        46        47        48
 475.      3.20      1.62      0.68     -0.56     -0.32      2.07    475.00
 480.      3.65      0.72      0.77     -0.05     -0.62      2.07    480.00
 485.      2.56      2.97     -0.31      0.12     -0.93      2.02    485.00
 490.      3.01      2.36     -0.30      0.35     -0.91      2.06    490.00
 495.      2.63      1.86      0.05     -0.17     -0.26      2.01    495.00
 500.      3.00      1.77      0.20     -0.19     -0.32      2.07    500.00
 505.      2.62      2.21     -0.17     -0.62     -0.36      1.91    505.00
 510.      2.21      1.98      0.02      0.26     -0.77      2.06    510.00
 515.      2.04      2.29      0.01     -0.17      0.39      2.02    515.00
 520.      2.46      1.61      0.25     -0.18     -0.30      2.08    520.00
 525.      2.36      1.89     -0.17      0.05     -0.52      2.10    525.00
 530.      2.98      2.04      0.05     -0.16     -0.72      2.01    530.00
 535.      2.99      2.05     -0.24     -0.06     -0.24      2.04    535.00
 540.      1.98      1.72      0.13      0.11     -0.48      2.01    540.00
 545.      3.12      1.37      0.15     -0.17     -0.08      2.06    545.00
 550.      3.58      2.07     -0.19      0.21     -0.42      2.00    550.00
 555.      2.67      2.13      0.83     -0.37     -0.33      1.93    555.00
 560.      2.56      2.52     -0.07     -0.62     -0.08      1.93    560.00
 565.      3.22      1.79      0.15      0.10     -0.55      1.96    565.00
 570.      2.77      1.87     -0.11     -0.08     -0.36      1.97    570.00
 575.      3.82      1.73     -0.02     -0.08     -0.16      1.93    575.00
 580.      3.04      2.35     -0.37      0.56     -0.74      1.89    580.00
 585.      2.66      1.56      0.47      0.16     -0.97      1.88    585.00
 590.      2.04      2.23     -0.10      0.28     -1.26      1.86    590.00
 595.      3.62      2.04     -0.77      0.35     -0.29      1.85    595.00
 600.      2.44      2.02     -0.39      0.32     -0.62      1.87    600.00
 605.      2.86      1.89      0.09     -0.13     -0.56      1.85    605.00
 610.      2.28      1.68     -0.41      0.17     -0.62      1.78    610.00
 615.      2.04      2.18      0.26     -0.13     -1.01      1.88    615.00
 620.      2.48      2.11     -0.21      0.09     -0.50      1.81    620.00
 625.      3.12      1.36      0.07      0.07     -0.39      1.78    625.00
 630.      2.64      1.64      0.30     -0.36     -0.52      1.76    630.00
 635.      2.52      2.18     -0.03      0.17     -0.59      1.81    635.00
 640.      3.16      1.51      0.23     -0.09     -0.75      1.82    640.00
 645.      2.66      1.93     -0.16      0.43     -0.78      1.82    645.00
 650.      2.12      2.11     -0.03     -0.33     -0.29      1.81    650.00
 655.      2.44      1.79      0.01     -0.05     -0.81      1.71    655.00
 660.      2.24      1.61      0.10     -0.02     -0.94      1.69    660.00
 665.      2.84      1.37      0.17     -0.51     -1.03      1.72    665.00
 670.      1.88      2.23     -0.33     -0.29     -0.48      1.55    670.00
 675.      2.37      1.73      0.11      0.19     -0.52      1.53    675.00
 680.      2.63      1.79     -0.22      0.26     -0.62      1.53    680.00
 685.      1.29      2.23      0.19     -0.05     -0.77      1.51    685.00
 690.      2.62      1.16      0.36     -0.19     -0.59      1.48    690.00
 695.      2.10      1.85      0.22      0.05     -0.43      1.41    695.00
 700.      1.84      2.11     -0.03      0.05     -0.42      1.37    700.00
 705.      2.66      1.66      0.01     -0.36     -0.07      1.41    705.00
 710.      1.62      2.33      0.02     -0.90      0.28      1.43    710.00
 715.      3.06      1.47     -0.20      0.04     -0.75      1.34    715.00
 720.      2.24      1.81     -0.40     -0.01      0.18      1.33    720.00
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TIME        42        43        44        45        46        47        48
 725.      1.79      1.60     -0.22      0.57     -1.39      1.37    725.00
 730.      2.14      1.74     -0.02     -0.08     -0.56      1.34    730.00
 735.      2.00      2.04     -0.39     -0.13      0.03      1.21    735.00
 740.      1.72      1.41      0.12     -0.07     -0.32      1.25    740.00
 745.      1.58      1.85      0.10     -0.11     -0.40      1.26    745.00
 750.      1.74      1.60      0.21     -0.45     -0.36      1.24    750.00
 755.      1.89      1.53      0.09      0.15     -0.72      1.22    755.00
 760.      1.84      1.38     -0.23      0.18     -0.48      1.21    760.00
 765.      1.61      1.38      0.45     -0.20     -0.52      1.18    765.00
 770.      1.44      1.41      0.26     -0.09     -0.56      1.12    770.00
 775.      1.67      1.54     -0.13     -0.11     -0.33      1.14    775.00
 780.      1.51      1.52      0.20      0.17     -1.06      1.16    780.00
 785.      1.85      1.69     -0.08      0.13     -0.74      1.12    785.00
 790.      1.88      1.43     -0.20     -0.13     -0.69      1.16    790.00
 795.      1.04      1.75     -0.07     -0.26     -0.81      1.14    795.00
 800.      1.70      1.31      0.18      0.09     -0.64      1.08    800.00
 805.      1.75      1.65     -0.28     -0.17     -0.81      0.93    805.00
 810.      1.37      1.68      0.13     -0.01     -0.24      1.01    810.00
 815.      1.37      1.20      0.29     -0.29     -0.55      1.12    815.00
 820.      1.84      1.66     -0.39      0.02     -0.58      1.12    820.00
 825.      1.64      1.60      0.15     -0.05     -0.78      1.08    825.00
 830.      1.74      1.25      0.26     -0.29     -0.39      1.08    830.00
 835.      1.18      1.45      0.09      0.04     -0.81      1.08    835.00
 840.      1.62      1.44     -0.21      0.25     -0.62      1.07    840.00
 845.      1.34      1.41     -0.24      0.33     -0.82      1.05    845.00
 850.      1.18      1.13      0.13      0.23     -0.93      1.03    850.00
 855.      1.78      1.01     -0.12      0.02     -0.49      1.02    855.00
 860.      1.13      1.33     -0.16      0.15     -0.77      0.94    860.00
 865.      1.35      1.24     -0.01     -0.32     -0.13      0.93    865.00
 870.      1.64      1.45     -0.06      0.01     -0.69      0.92    870.00
 875.      1.69      1.16     -0.37      0.19     -0.19      0.92    875.00
 880.      1.03      1.80     -0.35      0.04     -0.36      0.91    880.00
 885.      0.93      1.02      0.26     -0.04     -0.52      0.84    885.00
 890.      1.10      1.23     -0.24      0.21     -0.94      0.87    890.00
 895.      1.38      0.80      0.19      0.13     -0.85      0.85    895.00
 900.      1.21      1.27     -0.21      0.25     -0.95      0.83    900.00
 905.      1.09      1.20      0.39     -0.42     -0.32      0.74    905.00
 910.      1.56      1.42      0.19     -0.45     -0.23      0.66    910.00
 915.      1.34      0.99      0.24     -0.07     -0.32      0.68    915.00
 920.      1.09      1.39      0.00      0.17     -0.72      0.70    920.00
 925.      1.38      1.38     -0.09     -0.45     -0.49      0.67    925.00
 930.      1.24      1.33     -0.30      0.09     -0.43      0.66    930.00
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PRC5-W-2-1                                                          PAGE    1

TIME      0        1        2        3        4        5        6        7        8        9       10       11       12       13
  0.    23.22    21.88    21.72    21.85    21.45    21.38    20.67    24.47    23.82    23.72    23.55    23.40    23.13    22.70
  0.    23.20    21.95    21.72    21.92    21.50    21.57    20.72    24.42    23.82    23.72    23.55    23.45    23.13    22.77
  0.    23.30    21.97    21.70    21.80    21.57    21.40    20.70    24.42    23.65    23.70    23.50    23.45    23.15    22.72
  0.    23.35    21.75    21.72    21.85    21.55    21.30    20.60    24.42    23.82    23.67    23.52    23.42    23.10    22.67
  0.    23.42    21.85    21.75    21.77    21.77    21.15    20.38    24.50    23.80    23.72    23.55    23.42    23.07    22.72
  0.    23.32    21.92    21.82    21.80    22.02    21.02    20.57    24.42    23.85    23.75    23.52    23.42    23.15    22.75
  5.    23.47    22.02    21.15    21.05    20.97    20.65    20.52    25.07    26.25    25.88    25.25    23.87    23.47    23.05
 10.    25.60    24.85    21.32    21.07    21.05    20.97    21.02    25.05    26.42    26.10    26.00    25.35    25.45    25.22
 15.    27.20    24.95    21.25    21.15    21.30    21.10    20.80    25.20    27.92    26.72    26.30    25.67    25.80    25.47
 20.    26.82    24.30    21.67    21.25    21.45    21.17    20.90    25.25    27.42    26.57    26.55    26.17    25.92    25.77
 25.    28.05    26.27    21.70    21.32    20.97    21.00    20.82    25.47    28.40    27.42    27.17    26.72    26.65    26.17
 30.    28.17    26.77    21.47    21.22    20.95    20.97    20.97    25.35    28.15    28.37    27.42    27.07    27.17    26.97
 35.    27.52    26.52    21.72    21.22    21.17    21.07    20.95    25.38    28.22    28.27    27.70    27.42    27.65    27.20
 40.    27.85    27.12    21.97    21.27    20.92    21.13    20.82    25.57    28.45    28.13    28.37    27.90    27.45    26.67
 45.    28.42    27.30    22.22    21.35    21.25    20.95    20.82    25.77    28.92    28.42    28.42    27.85    27.15    26.52
 50.    28.50    26.02    22.07    21.35    21.40    21.05    20.95    25.75    29.22    28.90    28.30    27.82    27.38    26.80
 55.    28.70    25.77    22.22    21.35    21.42    20.67    20.27    25.65    29.52    29.10    29.17    28.50    27.80    27.07
 60.    29.20    24.75    21.92    21.42    20.97    20.70    20.40    26.02    30.24    29.50    29.15    28.42    28.05    27.67
 65.    29.35    27.95    22.30    21.47    21.27    20.87    20.25    26.20    30.37    29.75    29.20    28.72    28.37    27.90
 70.    29.80    26.02    21.95    21.50    21.25    20.72    20.55    26.27    31.12    30.29    29.46    29.27    28.60    28.35
 75.    28.70    25.85    21.88    21.38    21.60    20.87    20.57    26.45    31.41    30.80    30.12    29.80    30.10    29.02
 80.    30.58    27.17    22.92    21.25    21.52    20.85    20.60    26.65    32.51    31.90    30.85    30.80    30.39    29.47
 85.    31.17    24.77    22.07    21.27    21.40    20.95    20.60    26.92    33.50    33.24    31.24    30.46    30.95    30.15
 90.    31.66    27.72    22.17    21.17    21.55    21.00    20.30    27.67    35.58    34.29    33.51    32.71    31.88    30.56
 95.    34.90    28.45    22.07    21.22    21.55    21.00    20.33    28.37    37.10    35.05    34.10    33.54    33.02    32.17
100.    38.68    29.44    22.30    21.22    21.35    21.02    20.40    29.39    40.39    38.98    36.32    35.17    35.19    34.88
135.    40.49    36.66    21.92    21.25    21.52    21.05    20.60    30.19    44.58    41.15    40.29    39.93    37.90    37.65
110.    44.70    34.05    22.35    21.17    21.67    20.92    20.67    31.98    48.70    45.54    45.58    44.68    42.54    40.95
115.    50.80    39.29    21.88    21.30    21.63    20.72    20.70    35.46    55.68    48.95    47.49    46.22    45.44    43.61
120.    56.93    47.27    22.52    21.30    21.35    20.87    20.52    37.71    57.80    52.41    51.17    50.68    51.39    50.32
125.    60.38    49.22    21.70    21.40    21.42    20.85    20.87    40.73    63.55    62.50    62.55    59.22    54.66    54.32
130.    61.83    58.05    22.22    21.67    21.77    21.02    20.87    42.34    65.88    63.69    65.12    63.81    60.59    57.95
135.    71.49    64.71    22.45    22.02    21.80    21.05    20.80    45.49    80.64    78.10    76.00    72.34    63.81    62.67
140.    83.81    65.88    23.10    22.38    21.95    21.05    20.50    51.24    90.07    81.09    78.26    77.22    73.63    73.63
145.    89.98    69.90    23.05    22.42    22.15    21.15    20.45    54.78    96.07    93.21    91.95    87.59    83.57    81.81
150.   106.05    83.81    23.35    22.40    21.65    21.52    20.57    58.46   104.41   103.56   105.49   100.44    91.02    89.07
155.   108.12    84.79    23.02    22.52    22.00    21.07    20.38    61.40   115.02   114.93   116.37   102.76    93.12    91.95
160.   104.63    64.26    23.20    22.72    22.15    21.42    20.57    65.17   127.05   134.27   133.40   113.32   107.05   109.54
165.   128.73    64.90    23.05    22.85    22.02    21.55    20.47    72.41   141.17   136.67   136.38   126.17   117.61   116.12
170.   143.97    72.85    23.25    23.05    22.20    21.80    20.52    79.46   153.82   148.02   144.32   138.30   137.20   136.27
175.   156.75    73.39    22.97    23.07    21.60    21.92    20.20    83.17   164.10   161.10   157.25   148.22   145.77   139.60
180.   152.82    78.31    23.25    23.50    21.72    22.25    20.67    85.06   171.92   169.55   170.38   161.85   150.77   139.70
185.   179.00   114.39    24.70    23.75    21.88    22.30    20.75    95.12   191.57   180.77   183.75   179.77   172.57   159.17
190.   184.82   158.95    24.32    23.97    21.97    22.32    20.72   101.78   199.25   199.22   202.35   186.42   174.67   164.72
195.   201.93   140.92    24.88    24.07    21.88    22.22    20.80   108.78   216.22   200.66   202.60   201.67   193.15   173.88
200.   189.38   102.29    26.52    24.25    21.63    22.07    20.77   110.78   221.45   215.63   207.93   198.46   195.70   189.70
205.   215.12   111.17    27.17    24.42    21.75    21.22    20.82   115.80   229.30   218.25   207.19   202.75   201.29   193.42
210.   215.52   124.00    29.56    24.57    22.10    21.75    21.13   118.54   232.05   227.00   227.92   220.07   205.80   192.92
215.   222.75   168.57    31.68    24.25    22.55    22.40    21.25   124.83   233.22   233.50   227.55   222.10   208.12   196.87
220.   230.63   169.88    39.22    24.22    22.57    22.22    20.82   129.90   241.27   239.71   243.41   230.29   214.35   197.97
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TIME      0        1        2       3       4       5       6       7        8        9        10       11       12       13
 225.   232.80   120.88   38.85   24.22   22.45   22.15   21.35   135.45   243.76   243.49   245.93   231.15   218.37   203.56
 230.   235.37   137.32   38.83   24.52   21.47   23.17   21.65   141.13   257.56   242.83   247.49   244.78   228.07   203.15
 235.   245.15   139.07   35.88   25.15   21.52   23.10   20.87   140.97   259.56   246.34   253.95   254.61   238.95   215.25
 240.   237.73   156.52   48.12   25.40   21.70   23.00   21.25   141.75   259.93   251.27   254.29   246.83   234.00   219.67
 245.   237.98   163.80   41.93   25.57   22.07   22.72   21.65   149.12   264.54   251.39   252.00   240.17   230.00   220.90
 250.   252.66   182.30   41.88   25.50   23.60   21.77   21.07   149.40   263.27   257.95   254.66   246.37   246.05   224.67
 255.   251.32   179.27   40.02   25.60   23.20   22.05   21.07   157.17   271.83   251.73   254.80   248.88   250.15   239.61
 260.   256.46   189.82   54.02   25.60   24.27   22.72   20.97   160.45   275.10   257.56   260.58   247.46   232.56   223.52
 265.   254.12   136.07   41.58   25.40   22.60   22.12   21.02   158.60   267.27   258.12   255.37   246.34   237.60   223.17
 270.   248.19   163.02   52.12   25.27   22.90   23.40   21.60   163.50   272.66   259.98   258.83   255.46   251.17   233.63
 275.   259.49   181.15   51.34   25.55   23.70   22.95   20.57   162.80   267.71   263.56   266.32   254.66   239.17   232.88
 280.   257.07   182.90   51.32   25.50   23.05   22.97   20.75   164.13   263.49   257.34   263.19   259.90   249.37   229.70
 285.   246.80   172.97   41.66   25.67   23.32   23.52   20.82   164.88   267.90   260.56   272.83   266.24   251.63   231.02
 290.   264.02   169.97   40.54   25.67   26.05   23.00   21.55   168.85   272.63   263.90   269.66   263.85   248.46   231.30
 295.   257.98   191.60   40.85   25.75   24.32   22.55   20.82   164.77   266.66   262.66   264.66   257.80   255.63   238.27
 300.   256.24   176.60   36.37   25.97   23.37   21.92   20.67   166.63   263.22   259.80   266.05   257.98   252.61   245.37
 305.   246.00   194.27   35.71   26.05   22.50   24.02   21.07   167.72   257.71   250.78   253.17   243.56   237.63   230.77
 310.   257.56   198.32   42.85   26.30   23.67   23.65   21.15   169.30   262.56   252.19   254.61   248.17   241.37   226.77
 315.   253.44   177.12   47.98   26.20   22.63   23.07   21.57   171.37   261.98   254.27   249.32   243.34   237.19   230.87
 320.   246.19    90.33   43.22   25.97   25.52   23.97   21.13   173.00   257.95   252.00   264.39   254.15   237.68   223.65
 325.   256.88   193.92   44.98   26.02   22.63   23.20   21.15   172.55   266.98   253.76   260.37   257.51   246.93   228.40
 330.   255.46   143.88   38.95   26.57   22.88   23.20   21.35   173.82   262.41   253.19   258.95   255.19   243.37   231.46
 335.   253.44   168.92   36.80   26.97   24.00   24.65   21.42   170.77   255.66   246.80   247.15   242.37   237.15   234.39
 340.   249.34   214.32   33.02   27.10   23.25   23.47   21.10   172.97   255.22   251.10   255.90   253.32   244.66   236.58
 345.   252.44   191.52   34.88   27.07   25.15   24.70   21.00   171.13   265.66   249.07   253.15   248.85   250.19   232.24
 350.   248.66   187.92   36.19   27.90   24.05   25.17   21.50   173.17   260.51   252.88   256.17   247.54   235.98   227.02
 355.   249.12   193.07   37.37   27.57   26.57   23.42   21.25   177.32   259.22   248.10   247.76   241.51   241.73   240.17
 360.   232.68   193.40   41.34   27.35   25.85   23.05   21.27   174.88   249.95   243.29   245.88   247.39   254.90   232.85
 365.   247.07   180.55   44.29   27.50   24.85   23.35   21.27   173.82   255.05   247.44   253.29   246.32   233.95   223.35
 370.   235.07   154.97   48.41   27.20   23.65   23.27   21.30   177.07   249.32   243.90   246.39   243.24   238.34   234.80
 375.   239.51   160.80   31.76   27.17   25.85   23.27   20.85   177.05   247.15   245.24   243.37   236.05   229.73   229.34
 380.   243.68   193.07   49.85   26.57   26.88   24.52   22.40   173.47   258.00   248.12   254.32   248.90   237.69   227.32
 385.   238.37   195.77   50.19   26.67   25.10   23.92   22.12   176.67   249.58   246.07   248.78   244.27   241.49   229.10
 390.   239.22   168.22   31.10   26.77   26.75   22.22   22.00   178.37   250.24   244.66   244.88   239.54   239.49   230.68
 395.   230.41   205.68   51.02   26.22   22.72   22.42   21.75   176.95   251.00   239.63   238.95   235.24   236.12   229.56
 400.   238.76   179.45   49.05   26.07   24.50   22.95   21.30   177.62   252.73   241.02   245.15   240.95   232.00   222.70
 405.   239.29   204.54   53.61   25.77   27.52   23.77   21.45   179.35   249.85   238.12   239.58   236.00   234.61   235.41
 410.   232.68   183.60   38.17   27.52   25.97   23.10   22.25   177.97   248.85   235.41   237.98   232.73   230.49   232.02
 415.   237.22   158.22   49.44   26.85   26.52   23.22   21.70   177.22   244.95   238.29   238.10   236.78   230.61   229.82
 420.   249.22   185.57   34.95   26.25   26.55   23.27   21.32   178.47   246.32   237.24   235.61   233.58   231.19   224.35
 425.   232.56   162.35   31.83   26.47   26.27   23.60   21.35   179.17   237.98   233.02   234.49   231.76   234.12   228.61
 430.   227.45   174.95   45.19   27.05   26.30   25.02   21.77   176.35   231.71   228.95   223.63   227.52   225.42   220.65
 435.   233.42   189.02   38.37   26.67   26.42   23.67   21.80   176.55   233.46   231.05   231.32   229.02   229.80   228.90
 440.   228.76   200.05   35.73   26.32   26.00   23.30   22.12   175.55   236.00   231.39   230.02   232.52   230.42   225.55
 445.   233.20   188.67   41.73   26.30   24.70   24.00   22.35   176.70   240.76   229.00   232.02   228.32   230.20   232.72
 450.   232.37   183.92   41.63   26.65   23.65   25.38   22.85   176.90   235.49   231.39   229.17   229.15   230.72   231.47
 455.   229.61   195.00   39.39   26.92   23.02   24.85   22.55   173.35   239.34   232.80   233.02   232.75   228.63   228.45
 460.   203.88   150.88   46.51   27.39   23.47   23.57   22.02   177.80   233.63   229.55   230.63   227.97   230.52   227.45
 465.   229.32   180.57   36.73   26.85   27.30   22.82   21.82   179.32   235.76   232.02   227.95   230.02   230.97   221.72
 470.   230.75   191.20   35.73   26.40   27.15   22.60   21.75   176.20   230.63   229.37   232.27   235.57   221.52   223.12
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TIME       0        1        2        3        4        5        6        7        8        9       10       11       12       13
 475.   231.41   181.95   38.24    26.22    27.77    22.27    21.88   177.65   230.02   228.73   233.35   230.57   231.17   225.60
 480.   225.95   148.27   29.29    26.07    26.77    23.00    21.65   178.02   236.15   232.12   230.25   230.42   233.17   223.00
 485.   233.02   185.32   54.66    26.50    27.15    23.02    21.52   176.70   228.12   232.20   232.08   230.02   224.67   218.92
 490.   214.00   176.82   39.95    26.32    27.38    23.55    21.80   177.00   229.66   230.92   229.90   223.82   220.02   222.85
 495.   230.42   183.95   32.46    26.35    27.38    23.87    20.77   176.13   229.17   226.05   228.25   223.15   219.92   219.20
 500.   228.85   187.70   41.60    26.05    25.22    25.05    21.55   175.65   232.77   231.47   227.02   225.65   224.45   225.02
 505.   221.22   188.15   44.80    26.38    26.75    25.02    21.50   176.52   232.95   233.35   229.17   232.10   228.85   217.05
 510.   229.63   178.32   37.39    26.95    25.10    25.60    21.20   175.60   228.73   229.35   229.80   230.22   228.20   224.92
 515.   226.75   177.27   49.39    27.63    26.22    23.00    21.65   179.15   232.56   230.29   232.10   225.82   219.92   218.20
 520.   223.55   180.17   38.58    27.67    27.07    24.45    21.60   176.97   230.55   229.00   228.72   225.00   225.92   219.38
 525.   218.40   163.65   49.83    27.67    27.40    24.07    22.20   180.90   236.78   229.44   231.22   230.65   228.15   223.05
 530.   226.90   142.12   34.58    27.55    27.17    23.02    21.75   180.07   240.00   231.49   233.00   229.05   221.00   217.70
 535.   228.15   173.95   46.02    27.12    27.63    22.52    21.40   178.45   231.71   229.85   231.20   227.57   227.92   228.12
 540.   223.92   182.10   42.88    27.05    29.35    22.38    21.30   181.32   231.61   229.72   227.93   228.50   223.63   216.42
 545.   222.40   177.77   39.19    27.27    29.40    23.20    21.35   177.70   229.05   225.95   225.77   223.00   220.45   216.90
 550.   224.07   170.02   57.78    27.07    25.77    23.05    21.15   176.85   230.92   228.77   230.38   224.32   215.82   214.35
 555.   218.37   154.20   58.38    26.92    28.20    23.10    21.55   175.10   230.87   229.30   231.42   223.65   207.80   205.44
 560.   204.41   186.45   38.37    26.72    27.27    23.87    21.70   176.95   231.15   229.32   228.60   226.55   222.72   219.47
 565.   202.22   134.97   48.34    26.90    24.85    23.22    21.30   175.60   230.38   223.97   220.30   217.90   207.90   207.44
 570.   221.27   150.17   53.44    26.67    25.30    23.90    21.38   175.50   227.75   226.12   228.87   222.77   214.10   214.40
 575.   200.54   152.27   59.05    26.52    24.70    22.97    21.42   178.55   232.20   221.00   224.10   220.00   219.00   206.24
 580.   221.15   135.77   42.98    26.45    27.50    22.72    21.97   177.20   228.50   222.77   226.92   222.55   217.82   202.35
 585.   216.35   154.17   51.34    26.50    25.85    25.13    22.22   176.42   230.02   219.42   222.27   220.45   221.27   215.62
 590.   202.32   168.50   52.44    26.72    28.17    23.47    22.20   174.05   230.20   218.65   220.05   216.57   216.63   206.29
 595.   201.76   162.42   35.29    27.07    23.70    22.92    21.22   172.20   226.22   219.77   221.13   219.35   219.72   217.42
 600.   215.17   162.85   41.10    27.30    27.30    22.85    21.00   175.87   224.35   216.92   220.60   216.07   214.60   215.30
 605.   207.44   169.32   42.00    26.85    26.75    24.30    22.17   172.35   225.05   218.63   217.50   214.72   201.15   199.66
 610.   199.00   129.93   55.63    27.45    24.32    25.72    21.80   173.90   219.15   208.29   215.60   208.12   204.63   202.85
 615.   203.10   135.82   54.90    27.17    25.52    24.55    21.22   171.60   214.88   206.07   207.37   203.90   200.61   198.39
 620.   203.22   145.60   44.68    27.05    27.17    23.35    21.20   171.17   219.72   203.29   203.41   198.98   196.95   194.65
 625.   198.44   136.42   40.15    26.77    25.50    23.75    21.35   169.62   216.85   200.88   202.37   199.58   197.35   190.57
 630.   196.07   152.55   53.10    26.42    26.07    24.42    21.13   166.50   214.50   200.29   202.61   201.90   201.49   201.72
 635.   198.34   183.72   47.90    26.27    27.22    23.10    21.07   165.20   214.22   201.32   200.24   203.10   202.07   197.72
 640.   200.70   162.92   40.37    26.02    27.42    23.65    21.20   165.20   203.73   199.51   201.54   200.27   195.52   193.77
 645.   196.00   149.60   29.61    25.85    27.07    24.52    21.55   164.10   199.44   200.40   201.77   199.20   200.70   197.30
 650.   192.65   153.70   44.02    26.82    23.87    25.10    22.72   163.80   200.30   198.67   197.65   194.42   195.55   187.90
 655.   193.50   142.97   38.71    27.10    25.13    25.52    21.40   163.95   201.75   201.88   200.45   196.17   192.50   191.42
 660.   188.52   173.40   63.12    26.82    26.38    24.07    21.90   161.02   198.32   195.32   195.22   191.80   188.45   181.05
 665.   190.17   143.27   54.32    26.00    27.80    22.02    21.75   159.55   194.38   191.55   192.42   189.70   185.15   180.42
 670.   184.22   133.35   47.58    25.55    27.05    22.90    20.92   158.85   194.40   190.63   188.57   186.07   181.45   174.55
 675.   182.57   147.12   29.85    25.15    26.30    22.88    21.07   158.62   192.15   187.38   186.22   184.90   181.82   181.50
 680.   173.07   149.90   32.44    25.30    26.95    23.15    21.42   158.07   186.97   185.00   185.17   183.42   181.63   172.72
 685.   182.92   157.70   29.68    25.40    26.60    23.00    21.15   155.72   186.30   182.22   183.35   182.15   179.15   177.38
 690.   178.10   142.52   34.73    26.42    24.30    25.38    21.50   154.85   182.55   181.05   178.85   176.40   172.62   170.87
 695.   173.05   133.45   49.63    26.72    26.55    23.07    21.77   154.70   182.52   179.35   179.95   177.08   172.55   172.65
 700.   178.20   139.60   47.32    26.77    26.95    23.10    21.85   153.52   183.90   180.32   179.27   177.00   173.22   170.82
 705.   171.42   143.12   39.63    26.27    26.30    23.15    21.85   153.15   178.22   176.30   174.72   172.92   169.65   168.37
 710.   175.55   129.37   53.49    26.45    27.02    22.47    21.60   150.80   176.15   174.13   175.13   172.72   166.85   167.17
 715.   171.57   109.98   37.07    27.55    26.52    23.13    21.63   150.40   175.20   172.35   173.17   171.92   160.37   166.72
 720.   160.02    95.14   40.12    25.97    27.07    22.02    21.13   149.67   171.35   170.57   168.47   167.52   162.45   160.02
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TIME	0	1	2	3	4	5	6	7	8	9	10	11	12	13
725.	162.27	136.77	41.17	26.22	26.77	23.70	21.22	148.45	168.50	167.20	167.60	166.20	164.20	163.32
730.	156.15	112.29	27.42	25.67	26.72	23.47	21.17	146.75	165.72	163.50	163.52	163.42	163.90	163.37
735.	157.90	119.56	37.66	25.60	26.13	24.10	21.30	145.25	161.92	161.52	162.27	162.00	159.90	154.32
740.	157.50	115.63	47.88	26.32	24.25	24.75	21.30	144.50	159.67	160.12	160.25	159.70	156.05	155.25
745.	154.70	109.17	36.10	27.17	25.10	23.27	20.97	142.88	157.60	155.10	157.70	157.25	155.57	155.57
750.	149.35	120.93	36.80	27.30	24.67	24.92	21.60	141.52	156.47	154.40	153.97	153.60	151.10	150.97
755.	145.25	89.02	55.34	28.35	24.75	24.60	21.40	141.07	154.75	154.20	153.63	153.00	149.65	150.30
760.	146.12	127.61	52.46	26.92	25.55	24.17	21.32	140.15	153.38	152.57	152.07	152.40	149.50	147.50
765.	144.15	94.67	49.54	27.02	25.65	24.55	21.38	140.20	152.90	153.00	152.80	152.02	147.82	148.00
770.	147.47	127.05	48.66	28.55	26.70	24.88	21.80	138.55	153.72	151.63	149.80	146.85	145.22	146.02
775.	144.45	102.46	31.78	26.85	26.30	23.47	22.40	137.57	152.05	150.82	149.45	149.35	144.60	142.00
780.	138.45	114.73	40.88	25.97	26.25	23.52	20.92	136.22	148.00	147.10	145.38	145.63	141.65	143.60
785.	133.45	96.26	46.83	25.00	26.45	23.37	20.65	134.35	139.22	139.97	139.70	140.15	136.05	139.35
790.	126.02	120.46	54.56	24.77	26.40	23.13	21.22	129.29	135.20	135.40	136.80	137.10	133.37	134.57
795.	124.22	110.51	58.07	24.72	28.35	23.00	20.85	128.02	129.32	133.30	133.47	134.27	126.83	127.34
800.	122.88	117.12	58.29	24.97	28.85	23.60	20.95	126.71	125.46	126.93	128.41	128.49	125.39	124.78
805.	117.51	108.10	28.75	25.10	26.20	23.00	20.92	125.51	121.78	122.15	125.29	124.68	121.29	122.39
810.	118.05	109.19	42.00	25.05	27.32	22.90	20.90	124.24	119.80	121.46	122.46	122.95	120.15	121.49
815.	115.00	79.09	29.88	24.50	23.60	23.25	20.87	123.56	121.71	121.49	121.32	121.07	118.22	118.34
820.	118.22	97.38	35.71	24.88	22.72	24.52	21.65	122.76	120.46	118.41	119.39	120.63	116.22	116.73
825.	112.49	109.10	47.44	25.45	22.82	22.60	21.63	121.73	116.66	117.15	117.22	117.34	114.39	116.17
830.	108.32	94.95	36.76	25.57	24.45	22.75	21.13	120.61	112.73	112.98	114.71	116.19	111.80	112.68
835.	110.19	107.44	44.12	25.25	25.72	23.22	20.97	119.85	113.46	114.05	113.22	113.29	110.32	111.54
840.	108.98	95.71	37.88	25.42	26.57	23.47	21.38	119.41	114.07	111.88	112.44	112.85	109.80	111.71
845.	106.93	92.38	43.07	26.20	26.57	23.70	20.87	118.90	113.32	113.02	112.51	112.27	110.56	111.54
850.	107.27	81.12	29.77	25.47	26.32	22.42	20.80	118.32	112.41	113.54	110.27	112.19	109.39	110.61
855.	104.66	91.36	29.56	25.07	25.77	22.17	20.95	118.17	111.88	111.76	110.27	111.54	107.44	108.98
860.	103.93	71.15	37.46	24.90	24.63	22.52	20.85	117.56	109.37	109.19	107.88	109.44	106.54	107.49
865.	102.32	94.45	48.22	25.00	25.55	22.95	20.77	116.95	109.32	108.02	107.46	109.24	104.29	105.51
870.	103.39	95.69	47.76	24.67	25.60	22.72	20.82	116.15	107.02	105.32	105.27	107.46	103.63	105.32
875.	101.54	85.50	44.29	24.38	26.50	22.22	20.75	115.83	107.95	104.05	105.63	106.90	103.39	105.44
880.	97.48	85.45	48.46	24.70	25.52	22.42	21.15	115.76	107.10	104.44	105.24	105.90	102.46	103.34
885.	101.80	87.33	32.49	24.60	26.05	23.57	21.13	115.37	106.56	106.63	104.56	105.73	101.63	102.24
890.	100.15	86.07	48.22	25.47	24.82	23.57	21.65	114.61	105.27	107.27	104.90	106.02	101.66	101.71
895.	94.24	83.71	39.80	25.77	24.77	23.80	21.50	114.07	104.34	104.51	104.41	104.95	96.48	100.49
900.	91.93	91.95	32.63	26.38	24.30	23.02	21.13	114.34	103.02	103.68	101.15	102.68	96.12	96.95
905.	93.69	82.26	39.76	25.42	25.72	22.65	20.85	113.66	102.61	103.93	101.71	103.63	97.05	100.71
910.	93.17	79.57	40.54	24.75	25.40	23.95	20.90	113.73	103.07	104.02	100.88	102.73	97.00	96.26
915.	92.74	76.73	36.02	24.72	25.47	23.47	21.30	112.95	101.71	102.32	96.71	97.17	93.52	95.95
920.	92.48	85.67	39.98	24.65	24.08	24.38	21.00	112.93	97.36	100.12	96.05	100.49	93.40	94.00
925.	91.38	77.95	35.02	24.55	25.30	23.55	20.87	112.29	100.24	96.21	95.93	101.17	93.43	95.55
930.	85.90	78.09	40.17	24.72	25.17	23.52	20.75	112.15	100.34	100.76	96.40	96.12	92.02	95.05
935.	87.05	72.95	41.46	24.57	24.72	22.77	21.80	111.49	94.93	96.80	93.29	92.38	90.14	93.12
940.	85.02	70.54	46.15	24.22	25.60	22.92	21.17	110.05	93.33	94.09	92.71	92.07	87.40	84.05
945.	82.31	71.80	33.05	24.20	25.35	23.77	20.60	110.61	93.02	93.76	92.09	94.07	83.57	82.67
950.	86.29	71.78	30.88	24.50	24.45	23.80	20.97	109.93	93.98	92.29	88.48	91.12	83.50	82.90
955.	85.62	76.41	32.78	24.92	24.70	23.32	21.42	110.22	93.71	92.36	88.81	89.21	83.26	83.64
960.	82.17	70.24	34.12	25.72	24.13	22.30	21.15	109.85	91.03	92.57	87.95	87.55	82.64	84.98
965.	84.98	72.17	40.46	25.22	25.42	23.55	20.82	108.90	90.57	91.21	89.57	89.43	85.29	86.38
970.	83.81	67.38	44.58	25.05	25.42	23.45	20.95	108.58	89.01	91.55	87.69	85.95	81.67	84.38

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TIME     14       15       16       17       18       19       20       21       22       23       24       25       26       27
  0.    22.30    21.95    21.95    21.82    21.70    21.60    21.32    21.45    21.32    22.10    24.13    0.00     0.00     0.00
  0.    22.27    21.95    21.90    21.80    21.65    21.57    21.32    21.38    21.32    22.10    24.10    0.00     0.00     0.00
  0.    22.27    21.92    21.95    21.77    21.60    21.50    21.30    21.42    21.27    22.07    24.15    0.00     0.00     0.00
  0.    22.22    21.95    22.02    21.82    21.60    21.52    21.32    21.40    21.35    22.12    24.13    0.00     0.00     0.00
  0.    22.25    21.97    21.95    21.75    21.57    21.60    21.25    21.30    21.30    22.15    24.17    0.00     0.00     0.00
  0.    22.32    22.02    21.95    21.80    21.57    21.60    21.25    21.32    21.27    22.07    24.15    0.00     0.00     0.00
  5.    22.70    22.25    21.77    21.47    21.32    21.30    20.97    21.02    20.95    22.00    24.30    0.00     0.00     0.00
 10.    23.25    22.85    22.40    21.75    21.52    21.45    21.13    21.10    20.97    22.05    24.47    0.00     0.00     0.00
 15.    24.30    23.77    22.97    22.22    21.75    21.57    21.13    21.25    21.00    22.15    24.55    0.00     0.00     0.00
 20.    25.32    24.50    23.75    22.27    21.72    21.55    21.15    21.17    21.13    22.20    24.65    0.00     0.00     0.00
 25.    25.90    25.38    23.50    22.12    21.60    21.50    21.13    21.20    21.13    22.20    24.80    0.00     0.00     0.00
 30.    26.45    25.35    23.82    22.27    21.63    21.47    21.17    21.15    21.05    22.20    24.85    0.00     0.00     0.00
 35.    26.20    25.35    23.75    22.45    21.63    21.55    21.25    21.20    21.02    22.27    24.92    0.00     0.00     0.00
 40.    26.05    24.95    23.55    22.32    21.72    21.63    21.35    21.32    21.05    22.32    24.97    0.00     0.00     0.00
 45.    25.82    25.27    23.22    22.42    21.88    21.75    21.42    21.38    21.07    22.42    25.00    0.00     0.00     0.00
 50.    26.13    25.07    23.67    22.50    21.92    21.77    21.40    21.45    21.13    22.47    25.07    0.00     0.00     0.00
 55.    26.47    24.92    23.13    22.07    21.70    21.70    21.35    21.45    21.13    22.52    25.10    0.00     0.00     0.00
 60.    27.07    25.02    22.72    22.07    21.70    21.67    21.32    21.38    21.15    22.55    25.20    0.00     0.00     0.00
 65.    27.40    25.47    22.47    21.97    21.65    21.72    21.45    21.40    21.20    22.60    25.32    0.00     0.00     0.00
 70.    27.65    24.88    22.32    21.92    21.63    21.63    21.40    21.50    21.20    22.67    25.40    0.00     0.00     0.00
 75.    28.20    25.60    22.38    21.92    21.57    21.67    21.25    21.45    21.15    22.63    25.57    0.00     0.00     0.00
 80.    29.10    26.40    22.50    22.02    21.75    21.77    21.27    21.38    21.25    22.72    25.60    0.00     0.00     0.00
 85.    29.85    26.50    22.77    22.15    21.82    21.82    21.42    21.57    21.22    22.90    25.90    0.00     0.00     0.00
 90.    30.07    25.40    22.88    22.22    21.95    21.90    21.38    21.60    21.25    23.07    25.92    0.00     0.00     0.00
 95.    31.85    26.35    23.10    22.47    21.70    21.95    21.45    21.63    21.35    23.32    26.38    0.00     0.00     0.00
100.    35.17    25.67    23.42    22.52    21.88    21.97    21.65    21.75    21.42    23.65    26.95    0.00     0.00     0.00
105.    37.98    29.85    23.45    22.72    22.12    22.30    21.77    21.92    21.57    24.15    27.77    0.00     0.00     0.00
110.    40.12    31.66    24.10    23.13    22.63    22.65    21.95    22.15    21.55    24.72    28.55    0.00     0.00     0.00
115.    43.93    30.02    24.77    23.00    22.90    23.52    22.35    22.35    21.77    25.55    29.52    0.00     0.00     0.00
120.    50.51    32.12    25.02    23.42    23.70    24.00    22.67    22.47    21.88    26.65    30.12    0.00     0.00     0.00
125.    54.54    34.98    25.20    23.92    23.55    24.42    22.88    22.08    22.02    27.70    30.85    0.00     0.00     0.00
130.    55.83    36.80    25.77    24.32    23.97    24.75    23.22    23.52    22.32    28.95    32.05    0.00     0.00     0.00
135.    62.59    41.32    28.63    24.77    24.38    24.82    23.35    23.72    22.63    29.95    34.32    0.00     0.00     0.00
140.    72.41    49.78    29.85    25.52    26.55    26.07    23.77    24.47    22.82    31.98    36.39    0.00     0.00     0.00
145.    80.33    53.68    29.55    26.47    26.25    26.22    24.57    25.50    23.47    33.78    39.76    0.00     0.00     0.00
150.    85.24    53.34    30.22    27.35    26.60    26.95    24.97    26.02    23.87    36.37    42.41    0.00     0.00     0.00
155.    88.50    55.24    31.78    28.85    27.50    27.65    25.55    26.67    24.15    38.63    44.95    0.00     0.00     0.00
160.    97.40    63.90    32.88    29.55    28.07    28.80    27.05    27.08    24.82    40.24    47.83    0.00     0.00     0.00
165.   103.00    63.57    34.95    30.07    29.47    29.68    27.40    29.32    25.55    42.44    50.56    0.00     0.00     0.00
170.   128.54    63.14    39.00    30.85    30.32    30.41    27.95    28.70    25.67    44.95    55.10    0.00     0.00     0.00
175.   128.39    76.95    42.05    32.19    30.46    30.10    27.60    29.85    26.25    48.05    58.19    0.00     0.00     0.00
180.   144.97    83.57    44.05    36.44    33.19    32.24    28.70    29.39    26.92    50.19    60.55    0.00     0.00     0.00
185.   146.72    84.12    49.51    37.66    34.22    33.34    29.47    31.44    27.45    53.85    64.90    0.00     0.00     0.00
190.   150.65    92.00    50.76    36.46    34.68    34.19    29.58    31.78    28.20    58.66    72.80    0.00     0.00     0.00
195.   162.47    97.29    52.68    40.54    36.78    35.73    30.68    31.88    28.65    61.48    77.49    0.00     0.00     0.00
200.   176.52   100.29    50.32    41.90    41.05    35.93    30.61    33.32    29.51    64.33    78.59    0.00     0.00     0.00
205.   168.75   102.80    55.24    41.15    39.29    35.85    32.61    35.90    29.92    69.78    82.14    0.00     0.00     0.00
210.   178.72   103.29    56.76    44.32    40.54    38.15    32.58    34.63    29.98    73.58    86.48    0.00     0.00     0.00
215.   182.22   114.85    61.19    45.83    39.54    40.44    34.29    35.29    31.39    75.83    90.48    0.00     0.00     0.00
220.   180.15   138.35    72.73    49.46    41.51    40.68    34.32    38.56    32.44    78.63    92.43    0.00     0.00     0.00
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TIME      14       15       16       17       18       19       20       21       22       23       24        25       26       27
 225.   181.22   140.22   74.19    49.80    42.83    41.63    35.63    36.56    32.83    78.67   100.95     0.00     0.00     0.00
 230.   188.10   144.92   85.09    55.00    45.00    40.34    35.34    39.34    34.00    81.88   104.83     0.00     0.00     0.00
 235.   194.45   154.75   81.71    55.12    50.24    45.56    36.80    37.63    32.98    85.40   106.85     0.00     0.00     0.00
 240.   198.58   159.15   80.33    52.15    46.66    44.93    37.34    39.19    33.46    89.17   110.19     0.00     0.00     0.00
 245.   194.07   165.55   79.48    57.39    43.93    42.98    38.17    40.73    34.41    92.45   113.71     0.00     0.00     0.00
 250.   198.56   169.20   88.62    56.29    46.19    45.17    37.39    40.02    35.10    91.26   115.85     0.00     0.00     0.00
 255.   199.63   163.82   95.62    58.49    48.29    46.78    36.90    40.51    33.90    94.19   118.93     0.00     0.00     0.00
 260.   214.67   149.37   85.33    63.31    49.41    45.93    38.00    44.90    34.61    94.62   121.56     0.00     0.00     0.00
 265.   198.90   173.57   92.62    56.10    47.07    45.24    37.83    41.54    35.78    97.14   123.51     0.00     0.00     0.00
 270.   207.17   172.32   80.95    56.12    45.17    46.39    41.51    44.41    35.93   103.02   123.05     0.00     0.00     0.00
 275.   204.63   163.75   79.69    60.31    48.88    47.22    44.24    45.44    36.15   103.95   122.98     0.00     0.00     0.00
 280.   201.39   161.72   94.12    62.21    51.15    47.12    41.44    44.44    35.54   104.32   126.12     0.00     0.00     0.00
 285.   199.80   162.17   90.57    62.79    50.41    47.63    41.10    44.19    36.15   105.17   127.15     0.00     0.00     0.00
 290.   214.85   161.45   86.59    61.93    48.73    48.07    40.41    42.83    37.49   105.71   133.70     0.00     0.00     0.00
 295.   202.41   160.95   88.48    61.67    50.58    47.07    40.63    44.83    38.02   107.76   129.88     0.00     0.00     0.00
 300.   218.17   169.47   92.40    67.64    48.41    46.05    39.90    49.10    37.05   109.80   129.29     0.00     0.00     0.00
 305.   265.24   154.45   89.36    64.05    50.32    47.07    40.05    45.19    37.02   106.27   135.42     0.00     0.00     0.00
 310.   214.70   155.65   92.12    63.36    49.00    49.44    42.54    46.90    37.37   107.88   134.62     0.00     0.00     0.00
 315.   202.42   165.72   89.14    65.67    50.98    50.63    43.24    47.05    38.51   110.98   135.38     0.00     0.00     0.00
 320.   197.38   152.47   91.76    63.57    49.73    47.71    40.15    43.07    37.76   109.73   137.77     0.00     0.00     0.00
 325.   204.37   158.67   95.69    65.57    57.54    51.90    41.46    45.66    38.22   111.37   139.07     0.00     0.00     0.00
 330.   207.44   149.75   90.36    64.09    48.63    50.95    43.93    46.32    38.83   110.88   138.38     0.00     0.00     0.00
 335.   228.15   170.90   93.43    66.89    52.66    50.19    42.76    49.56    38.05   113.02   137.95     0.00     0.00     0.00
 340.   215.92   158.17   84.52    70.00    53.95    50.24    41.29    47.80    39.49   114.34   138.52     0.00     0.00     0.00
 345.   200.90   151.47   87.05    69.78    55.83    51.56    41.46    44.66    38.29   112.17   139.02     0.00     0.00     0.00
 350.   203.22   146.67   95.74    76.95    48.34    49.90    46.63    49.02    39.54   112.95   139.57     0.00     0.00     0.00
 355.   227.50   168.35   91.48    74.85    54.90    51.15    43.51    46.54    38.41   113.02   141.25     0.00     0.00     0.00
 360.   198.78   151.02   96.02    76.10    53.54    48.63    42.12    45.46    39.44   115.05   141.55     0.00     0.00     0.00
 365.   201.00   136.57  101.24    78.58    53.17    52.22    43.56    47.46    39.05   115.66   140.72     0.00     0.00     0.00
 370.   206.85   162.42  104.93    76.12    56.56    49.54    42.80    45.78    38.17   115.66   142.88     0.00     0.00     0.00
 375.   213.82   160.15  111.46    72.32    54.19    51.58    41.44    43.90    38.63   113.17   143.45     0.00     0.00     0.00
 380.   191.35   151.85  110.54    73.44    50.95    50.41    42.34    44.85    38.85   114.29   145.22     0.00     0.00     0.00
 385.   218.50   154.35  102.66    72.90    57.85    50.54    41.07    44.61    38.49   114.63   145.50     0.00     0.00     0.00
 390.   215.77   159.97  108.34    77.67    53.95    50.58    41.54    45.27    38.00   113.27   144.45     0.00     0.00     0.00
 395.   204.07   168.45  102.07    73.34    53.34    50.19    42.15    45.34    39.24   114.34   143.97     0.00     0.00     0.00
 400.   200.92   158.62  101.22    76.51    55.10    52.66    44.02    47.76    38.73   116.34   145.97     0.00     0.00     0.00
 405.   200.32   170.30  103.61    72.56    56.22    50.93    43.83    49.27    40.17   117.44   145.05     0.00     0.00     0.00
 410.   205.05   161.65  116.51    75.41    61.03    52.37    42.63    48.32    38.63   118.05   145.63     0.00     0.00     0.00
 415.   202.38   166.77  121.58    80.05    51.95    49.73    43.54    47.37    39.02   119.83   145.95     0.00     0.00     0.00
 420.   201.60   158.05  111.51    79.74    56.71    53.12    43.58    47.17    40.05   118.58   143.90     0.00     0.00     0.00
 425.   215.77   154.20  107.49    78.22    67.12    51.78    43.66    44.22    38.66   117.66   144.02     0.00     0.00     0.00
 430.   199.00   170.22  121.27    79.48    50.15    52.83    45.44    46.78    39.29   118.58   143.90     0.00     0.00     0.00
 435.   215.88   165.35  110.98    77.90    59.48    58.67    45.24    46.22    39.17   116.56   144.27     0.00     0.00     0.00
 440.   204.02   164.00  100.41    78.44    61.45    57.69    44.93    45.05    38.51   117.95   143.92     0.00     0.00     0.00
 445.   219.07   153.55  105.73    79.86    63.12    60.12    45.17    44.41    39.12   116.85   144.02     0.00     0.00     0.00
 450.   223.12   147.45   95.55    73.19    60.40    62.48    47.32    45.66    38.19   118.58   144.47     0.00     0.00     0.00
 455.   196.13   148.27   91.43    74.71    63.17    57.22    45.07    44.22    38.66   114.54   144.38     0.00     0.00     0.00
 460.   191.02   154.72  104.34    76.83    58.93    54.44    46.07    45.56    39.58   117.61   145.17     0.00     0.00     0.00
 465.   188.17   152.02  104.90    78.69    60.90    57.76    47.34    46.85    39.07   117.29   146.02     0.00     0.00     0.00
 470.   205.32   160.05  102.07    77.83    58.12    52.51    44.05    47.12    39.78   118.63   146.00     0.00     0.00     0.00
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TIME     14      15      16      17      18      19      20      21      22      23      24      25      26      27
 475.  199.44  154.30  102.02   80.93   64.26   58.88   43.46   45.44   39.24  118.32  146.15    0.00    0.00    0.00
 480.  216.15  159.75  104.37   74.95   58.38   60.62   45.49   46.93   39.39  119.05  145.75    0.00    0.00    0.00
 485.  204.00  156.13  109.19   79.19   54.73   52.49   42.41   46.46   38.88  117.15  146.27    0.00    0.00    0.00
 490.  205.46  158.25  114.93   78.86   57.12   55.46   45.76   49.00   39.51  118.71  145.63    0.00    0.00    0.00
 495.  207.63  166.70  123.98   79.41   58.71   57.76   43.66   46.34   39.71  118.61  145.55    0.00    0.00    0.00
 500.  216.40  154.92  108.68   81.55   60.93   57.07   44.03   47.78   40.51  119.41  145.55    0.00    0.00    0.00
 505.  198.68  154.15  105.19   78.09   63.24   57.56   44.61   48.78   41.05  119.24  145.82    0.00    0.00    0.00
 510.  214.35  155.72  104.05   81.12   65.29   59.80   44.78   46.24   39.68  117.54  145.55    0.00    0.00    0.00
 515.  203.34  161.95  111.00   85.52   65.55   62.19   49.27   46.15   40.05  117.90  147.55    0.00    0.00    0.00
 520.  205.34  151.15  105.98   80.95   60.59   65.50   49.10   46.63   38.70  119.66  149.02    0.00    0.00    0.00
 525.  200.22  154.02  102.15   77.83   65.12   59.22   46.44   45.73   39.24  118.41  150.02    0.00    0.00    0.00
 530.  203.76  145.92  100.49   78.31   61.14   64.64   50.51   47.71   39.07  120.22  150.72    0.00    0.00    0.00
 535.  202.25  151.72  102.98   80.64   63.17   64.52   48.34   47.17   39.27  118.56  150.02    0.00    0.00    0.00
 540.  200.39  167.30  113.61   84.29   61.62   58.36   44.46   48.66   39.07  119.98  149.52    0.00    0.00    0.00
 545.  195.57  148.15  113.54   80.55   58.45   53.49   46.54   48.34   39.95  118.58  149.00    0.00    0.00    0.00
 550.  197.57  159.62  113.61   77.90   56.66   55.29   43.49   48.34   40.66  121.56  148.65    0.00    0.00    0.00
 555.  197.22  157.27  115.85   82.55   54.73   52.12   45.44   49.66   40.71  123.02  147.75    0.00    0.00    0.00
 560.  197.65  154.85  118.63   85.49   59.43   57.68   43.51   46.12   40.27  123.95  147.77    0.00    0.00    0.00
 565.  202.05  165.57  107.85   80.55   62.79   52.90   45.22   48.03   39.54  122.29  148.40    0.00    0.00    0.00
 570.  188.60  149.37  107.12   82.62   62.09   55.46   43.93   47.66   39.63  123.73  148.65    0.00    0.00    0.00
 575.  187.00  155.10  122.00   81.03   57.19   51.56   43.15   50.83   40.34  120.22  150.15    0.00    0.00    0.00
 580.  180.30  156.77  123.27   84.71   59.86   52.68   45.27   53.44   41.56  119.37  149.47    0.00    0.00    0.00
 585.  181.77  151.27  110.15   85.86   60.71   53.71   43.22   50.05   40.50  120.10  149.72    0.00    0.00    0.00
 590.  185.10  154.70  119.68   85.14   58.55   54.22   46.54   51.02   41.41  120.68  140.85    0.00    0.00    0.00
 595.  179.07  146.27  110.73   78.78   62.12   59.05   46.37   48.08   41.02  122.07  147.97    0.00    0.00    0.00
 600.  192.75  154.95  116.44   81.07   56.44   55.61   46.00   49.76   40.80  122.44  147.75    0.00    0.00    0.00
 605.  186.95  157.85  118.07   79.74   58.62   55.12   44.02   47.61   40.56  120.29  147.82    0.00    0.00    0.00
 610.  173.70  147.30  110.10   85.02   64.62   53.90   44.32   45.80   40.41  121.24  147.67    0.00    0.00    0.00
 615.  178.80  160.87  113.58   86.90   58.56   51.68   44.46   47.37   41.60  118.37  147.00    0.00    0.00    0.00
 620.  183.57  165.70  125.15   78.58   55.12   54.27   48.54   47.17   40.10  119.19  147.10    0.00    0.00    0.00
 625.  180.38  146.17  114.63   78.26   56.39   54.17   47.39   50.61   41.12  117.76  146.25    0.00    0.00    0.00
 630.  182.60  151.27  118.17   80.07   60.88   50.73   45.90   49.05   41.60  117.76  145.42    0.00    0.00    0.00
 635.  171.25  145.17  113.19   84.48   63.52   67.48   52.02   49.24   40.73  119.15  144.65    0.00    0.00    0.00
 640.  170.97  151.10   97.17   83.12   63.57   63.79   54.76   50.32   39.76  116.54  143.63    0.00    0.00    0.00
 645.  165.35  144.65  104.80   78.43   63.31   60.59   51.41   50.39   39.05  113.46  142.45    0.00    0.00    0.00
 650.  169.42  142.00  104.44   76.19   59.02   63.48   51.22   51.90   39.90  112.44  142.42    0.00    0.00    0.00
 655.  181.27  141.92  107.61   77.98   61.38   56.19   47.73   48.02   38.88  111.37  141.30    0.00    0.00    0.00
 660.  165.00  142.12  109.90   84.62   63.45   54.27   44.02   47.02   38.27  112.44  140.30    0.00    0.00    0.00
 665.  168.22  137.27   92.69   78.00   70.19   59.22   42.44   51.02   39.27  114.39  140.00    0.00    0.00    0.00
 670.  157.95  136.60   96.55   79.88   67.69   53.29   41.34   51.19   33.61  114.02  139.92    0.00    0.00    0.00
 675.  160.17  126.39  111.37   87.38   60.14   52.44   42.51   45.80   30.61  113.37  138.90    0.00    0.00    0.00
 680.  163.95  140.47  107.49   85.74   51.93   51.63   42.93   48.27   39.24  112.34  130.10    0.00    0.00    0.00
 685.  161.85  136.95  110.78   81.29   52.71   50.07   45.15   45.73   39.17  112.07  137.10    0.00    0.00    0.00
 690.  157.40  129.46   96.93   77.90   52.44   52.32   44.17   47.76   30.19  109.88  136.70    0.00    0.00    0.00
 695.  159.67  121.61   91.86   78.83   58.26   54.95   44.02   46.34   39.12  106.85  136.05    0.00    0.00    0.00
 700.  164.75  126.24   94.64   78.09   62.74   57.49   42.10   48.49   40.56  108.46  135.38    0.00    0.00    0.00
 705.  146.30  124.19   95.71   83.71   58.37   51.34   42.41   46.98   39.41  108.41  135.52    0.00    0.00    0.00
 710.  153.82  125.68  100.19   86.90   58.41   48.83   42.93   48.29   39.54  103.15  134.32    0.00    0.00    0.00
 715.  154.07  137.20  106.58   82.05   52.76   50.19   44.49   51.58   40.07  109.90  133.65    0.00    0.00    0.00
 720.  147.30  129.07  106.95   81.55   54.88   57.51   46.90   46.56   38.85  108.76  129.76    0.00    0.00    0.00
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TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
725.	149.72	113.12	87.62	73.32	57.63	58.81	49.02	46.00	38.73	110.32	128.46	0.00	0.00	0.00
730.	152.07	125.34	89.90	72.66	54.85	52.17	43.15	45.54	38.07	108.05	127.95	0.00	0.00	0.00
735.	150.10	116.95	84.62	72.71	58.68	59.45	46.83	44.68	37.51	107.44	126.78	0.00	0.00	0.00
740.	152.22	111.02	84.26	72.10	56.88	59.22	45.00	44.66	37.73	104.61	125.88	0.00	0.00	0.00
745.	145.22	113.17	89.26	67.52	53.80	59.62	49.15	45.27	37.51	104.73	125.07	0.00	0.00	0.00
750.	141.72	111.66	92.43	74.90	56.83	57.29	45.44	43.80	37.95	104.85	124.34	0.00	0.00	0.00
755.	142.70	113.68	92.09	71.76	58.26	55.88	44.78	44.88	37.54	103.89	124.17	0.00	0.00	0.00
760.	138.57	118.32	94.05	78.15	61.24	52.39	41.85	44.51	37.56	104.83	123.51	0.00	0.00	0.00
765.	135.88	111.76	90.26	79.79	58.81	48.19	40.24	45.22	38.27	104.17	123.00	0.00	0.00	0.00
770.	128.66	112.93	89.79	78.90	53.02	47.27	40.44	42.73	38.29	102.78	122.54	0.00	0.00	0.00
775.	134.27	119.68	100.73	74.17	55.73	47.66	41.22	45.37	39.61	95.02	121.73	0.00	0.00	0.00
780.	139.17	126.12	100.80	72.46	55.90	52.73	47.51	52.10	38.10	92.43	120.41	0.00	0.00	0.00
785.	136.13	128.83	81.98	69.76	55.71	54.73	47.27	51.78	41.39	91.21	119.41	0.00	0.00	0.00
790.	128.46	125.51	103.90	73.73	59.17	55.76	50.12	50.32	39.27	86.12	117.98	0.00	0.00	0.00
795.	124.51	122.37	83.81	70.05	57.78	56.83	47.17	50.39	41.39	83.95	117.17	0.00	0.00	0.00
800.	116.27	111.41	92.17	72.93	59.19	55.27	48.24	49.66	40.58	83.95	116.19	0.00	0.00	0.00
805.	119.17	113.39	93.05	70.49	57.39	51.51	45.37	50.90	42.58	84.55	115.19	0.00	0.00	0.00
810.	120.24	115.46	85.40	65.98	54.32	55.19	47.00	50.66	41.88	82.88	114.34	0.00	0.00	0.00
815.	115.90	113.46	82.76	65.81	53.73	52.02	45.34	50.22	42.88	82.67	113.71	0.00	0.00	0.00
820.	114.32	101.71	71.12	61.67	52.68	50.12	43.95	52.98	42.07	83.36	113.07	0.00	0.00	0.00
825.	114.68	109.66	78.54	64.55	54.73	50.83	45.41	47.58	39.61	79.69	112.19	0.00	0.00	0.00
830.	111.00	107.02	70.56	58.48	53.68	55.19	46.66	47.90	39.56	80.52	111.63	0.00	0.00	0.00
835.	109.00	104.37	79.05	59.81	49.78	50.56	43.93	49.51	39.07	81.50	110.98	0.00	0.00	0.00
840.	107.34	101.44	72.17	59.12	49.29	52.10	45.83	47.17	39.61	80.19	110.34	0.00	0.00	0.00
845.	105.56	96.74	75.46	59.19	48.12	48.24	44.02	48.46	40.41	80.48	109.95	0.00	0.00	0.00
850.	105.34	97.31	78.05	58.93	48.12	48.00	42.68	49.39	39.19	81.64	109.39	0.00	0.00	0.00
855.	105.49	92.36	71.41	58.98	47.39	46.93	40.83	46.58	39.85	80.09	108.80	0.00	0.00	0.00
860.	103.37	92.14	74.78	59.67	51.93	54.12	44.88	46.93	39.19	78.64	108.22	0.00	0.00	0.00
865.	101.71	91.12	72.12	59.12	55.22	52.58	43.68	46.39	38.66	77.71	107.63	0.00	0.00	0.00
870.	97.62	87.52	62.19	58.85	50.78	52.95	42.68	43.49	37.19	78.34	107.00	0.00	0.00	0.00
875.	103.49	95.02	59.79	57.58	52.93	52.58	45.17	46.44	37.66	76.71	106.61	0.00	0.00	0.00
880.	96.43	91.62	81.52	58.45	51.83	49.49	42.58	44.78	37.63	76.19	106.24	0.00	0.00	0.00
885.	97.26	94.55	77.41	61.64	54.32	49.15	41.46	42.78	37.15	74.39	105.88	0.00	0.00	0.00
890.	95.26	90.50	73.68	61.88	54.49	50.19	40.93	40.85	36.61	74.27	105.41	0.00	0.00	0.00
895.	93.83	86.62	70.73	61.71	54.27	51.02	41.34	42.05	34.95	74.07	105.19	0.00	0.00	0.00
900.	93.59	87.36	63.69	59.12	50.19	50.76	43.17	41.80	34.83	73.68	104.85	0.00	0.00	0.00
905.	93.07	90.00	71.02	58.61	51.90	48.66	41.73	42.83	36.17	72.85	104.39	0.00	0.00	0.00
910.	91.79	89.29	63.43	58.24	52.10	50.34	42.85	41.88	36.00	72.32	103.80	0.00	0.00	0.00
915.	89.21	87.90	71.05	59.40	55.22	52.93	42.17	40.93	36.49	71.22	103.51	0.00	0.00	0.00
920.	89.71	86.19	59.12	58.98	53.02	51.61	41.61	40.90	36.32	71.02	103.27	0.00	0.00	0.00
925.	92.57	84.45	59.21	57.80	51.78	53.29	41.27	41.88	35.76	71.17	102.85	0.00	0.00	0.00
930.	91.29	82.09	64.31	58.44	51.00	50.80	43.12	42.93	36.39	70.90	102.63	0.00	0.00	0.00
935.	91.05	82.59	72.37	61.74	53.61	47.83	42.46	43.41	34.54	66.52	102.19	0.00	0.00	0.00
940.	81.57	81.40	78.51	64.17	55.15	51.51	42.54	43.02	34.37	66.52	101.39	0.00	0.00	0.00
945.	79.00	80.17	77.85	69.52	52.49	49.58	40.90	43.22	34.93	67.07	101.27	0.00	0.00	0.00
950.	77.12	77.49	74.65	65.57	57.76	49.46	41.17	43.22	35.73	66.40	101.05	0.00	0.00	0.00
955.	78.62	77.88	71.02	63.98	52.27	50.17	42.44	42.22	36.00	65.95	100.51	0.00	0.00	0.00
960.	80.48	75.27	66.74	60.40	51.95	49.22	42.03	42.32	35.85	65.67	100.39	0.00	0.00	0.00
965.	84.02	71.58	62.83	58.56	47.73	40.19	42.29	42.22	36.44	66.17	97.50	0.00	0.00	0.00
970.	82.45	75.07	60.90	58.80	49.70	49.80	41.61	41.46	35.27	66.90	97.26	0.00	0.00	0.00

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 TIME      28       29       30      31        32       33       34       35       36       37       38       39       40       41
   0.     0.00     0.00    19.62  6720.94     0.00    -0.05    -0.02    -0.09     0.00     0.00     0.00     0.00    21.00     0.30
   0.     0.00     0.00    29.86  6729.60     0.00    -0.05    -0.02    -0.16     0.00     0.00     0.00     0.00    21.00    -0.46
   0.     0.00     0.00    40.34  6741.14     0.00    -0.05    -0.02    -0.17     0.00     0.00     0.00     0.00    21.03    -0.09
   0.     0.00     0.00    50.57  6732.48     0.00    -0.05    -0.02    -0.16     0.00     0.00     0.00     0.00    21.13     0.16
   0.     0.00     0.00    59.84  6723.82     0.00    -0.05    -0.02    -0.09     0.00     0.00     0.00     0.00    21.03     0.13
   0.     0.00     0.00    70.07  6741.14     0.00    -0.05    -0.02     0.02     0.00     0.00     0.00     0.00    20.99    -0.04
   5.     0.00     0.00    10.37  6697.84     0.00    -0.04    -0.03     0.31     0.00     0.00     0.00     0.00    21.10     0.51
  10.     0.00     0.00    19.62  6715.16     0.00    -0.04    -0.03     0.23     0.00     0.00     0.00     0.00    21.10     0.36
  15.     0.00     0.00    29.86  6706.50     0.00    -0.04    -0.02     0.05     0.00     0.00     0.00     0.00    21.08    -0.13
  20.     0.00     0.00    40.32  6706.50     0.01    -0.04    -0.02     0.06     0.00     0.00     0.00     0.00    20.56    -0.09
  25.     0.00     0.00    50.57  6706.50     0.00    -0.04    -0.02     0.14     0.00     0.00     0.00     0.00    21.03     0.42
  30.     0.00     0.00    59.83  6720.94     0.00    -0.04    -0.02     0.09     0.00     0.00     0.00     0.00    20.92     0.71
  35.     0.00     0.00    70.07  6718.05     0.00    -0.04    -0.02    -0.22     0.00     0.00     0.00     0.00    20.99     0.23
  40.     0.00     0.00    10.38  6720.94     0.01    -0.04    -0.02     0.51     0.00     0.00     0.00     0.00    21.00     0.44
  45.     0.00     0.00    19.62  6709.39     0.00    -0.04    -0.02     0.41     0.00     0.00     0.00     0.00    20.98     0.53
  50.     0.00     0.00    29.86  6715.16     0.00    -0.04    -0.03     0.13     0.00     0.00     0.00     0.00    20.99     0.70
  55.     0.00     0.00    40.33  6723.82     0.00    -0.04    -0.02    -0.02     0.00     0.00     0.00     0.00    20.98     0.85
  60.     0.00     0.00    50.56  6720.94     0.00    -0.03    -0.02     0.13     0.00     0.00     0.00     0.00    20.97     0.17
  65.     0.00     0.00    59.84  6726.71     0.00    -0.03    -0.02     0.16     0.00     0.00     0.00     0.00    20.96     0.21
  70.     0.00     0.00    70.08  6706.50     0.00    -0.03    -0.02    -0.15     0.00     0.00     0.00     0.00    20.95     0.16
  75.     0.00     0.00    10.38  6712.27     0.00    -0.03    -0.01     0.45     0.00     0.00     0.00     0.00    20.95     0.46
  80.     0.00     0.00    19.63  6706.50     0.00    -0.03    -0.01     0.41     0.00     0.00     0.00     0.00    20.92     0.87
  85.     0.00     0.00    29.86  6703.61     0.01    -0.03    -0.02    -0.11     0.00     0.00     0.00     0.00    20.92     0.92
  90.     0.00     0.00    40.33  6689.18     0.01    -0.02    -0.00    -0.23     0.00     0.00     0.00     0.00    20.91     1.07
  95.     0.00     0.00    50.56  6680.52     0.01    -0.01    -0.00     0.14     0.00     0.00     0.00     0.00    20.88     0.83
 100.     0.00     0.00    59.84  6680.52     0.01    -0.01     0.00     0.07     0.00     0.00     0.00     0.00    20.87     1.03
 105.     0.00     0.00    70.08  6657.42     0.01     0.00     0.01    -0.13     0.00     0.00     0.00     0.00    20.83     0.59
 110.     0.00     0.00    10.38  6668.97     0.01     0.01     0.05     0.70     0.00     0.00     0.00     0.00    20.79     1.43
 115.     0.00     0.00    19.62  6648.76     0.02     0.02     0.05     0.36     0.00     0.00     0.00     0.00    20.63     1.49
 120.     0.00     0.00    29.86  6634.32     0.02     0.03     0.06    -0.14     0.00     0.00     0.00     0.00    20.69     2.34
 125.     0.00     0.00    40.32  6645.87     0.02     0.05     0.07     0.09     0.00     0.00     0.00     0.00    20.50     2.44
 130.     0.00     0.00    50.57  6622.77     0.02     0.06     0.09     0.02     0.00     0.00     0.00     0.00    20.57     2.73
 135.     0.00     0.00    59.84  6614.11     0.03     0.09     0.14    -0.23     0.00     0.00     0.00     0.00    20.51     3.77
 140.     0.00     0.00    70.08  6591.02     0.04     0.11     0.18    -0.18     0.00     0.00     0.00     0.00    20.45     2.63
 145.     0.00     0.00    10.38  6585.24     0.05     0.13     0.17     1.53     0.00     0.00     0.00     0.00    20.37     3.51
 150.     0.00     0.00    19.63  6556.37     0.05     0.14     0.17     0.68     0.00     0.00     0.00     0.00    20.26     3.85
 155.     0.00     0.00    29.86  6524.62     0.07     0.17     0.28    -0.16     0.00     0.00     0.00     0.00    20.16     3.58
 160.     0.00     0.00    40.33  6492.86     0.07     0.20     0.30     0.16     0.00     0.00     0.00     0.00    20.05     4.99
 165.     0.00     0.00    50.57  6463.99     0.08     0.22     0.28    -0.34     0.00     0.00     0.00     0.00    19.92     4.77
 170.     0.00     0.00    59.84  6423.57     0.10     0.24     0.34    -0.45     0.00     0.00     0.00     0.00    19.83     5.89
 175.     0.00     0.00    70.08  6374.49     0.10     0.27     0.40    -0.34     0.00     0.00     0.00     0.00    19.68     5.79
 180.     0.00     0.00    10.37  6322.52     0.13     0.30     0.46     1.97     0.00     0.00     0.00     0.00    19.51     5.88
 185.     0.00     0.00    19.62  6308.09     0.14     0.34     0.44     1.66     0.00     0.00     0.00     0.00    19.40     6.88
 190.     0.00     0.00    29.87  6253.24     0.15     0.36     0.51     0.07     0.00     0.00     0.00     0.00    19.27     6.30
 195.     0.00     0.00    40.32  6183.95     0.16     0.39     0.59    -0.29     0.00     0.00     0.00     0.00    19.09     5.28
 200.     0.00     0.00    50.57  6120.44     0.17     0.41     0.57     0.27     0.00     0.00     0.00     0.00    18.89     6.53
 205.     0.00     0.00    59.83  6100.23     0.17     0.42     0.67    -0.59     0.00     0.00     0.00     0.00    18.73     5.83
 210.     0.00     0.00    70.08  6033.83     0.18     0.43     0.63    -0.56     0.00     0.00     0.00     0.00    18.61     6.53
 215.     0.00     0.00    10.38  5984.75     0.19     0.44     0.68     1.70     0.00     0.00     0.00     0.00    18.47     7.43
 220.     0.00     0.00    19.62  5918.35     0.20     0.45     0.74     1.61     0.00     0.00     0.00     0.00    18.27     6.55
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TIME       28        29        30       31        32        33        34        35        36        37        38        39        40        41
 225.     0.00      0.00     29.86  5854.84      0.21      0.48      0.73     -0.22      0.00      0.00      0.00      0.00     18.20      5.30
 230.     0.00      0.00     40.33  5797.10      0.23      0.50      0.65     -0.62      0.00      0.00      0.00      0.00     18.16      5.44
 235.     0.00      0.00     50.57  5727.81      0.23      0.52      0.74     -0.51      0.00      0.00      0.00      0.00     18.13      7.79
 240.     0.00      0.00     59.84  5667.18      0.24      0.53      0.76     -0.67      0.00      0.00      0.00      0.00     18.10      7.72
 245.     0.00      0.00     70.09  5580.57      0.24      0.54      0.82     -0.54      0.00      0.00      0.00      0.00     17.97      6.74
 250.     0.00      0.00     10.38  5514.17      0.25      0.55      0.87      2.70      0.00      0.00      0.00      0.00     17.97      6.58
 255.     0.00      0.00     19.63  5447.77      0.25      0.57      0.80      1.85      0.00      0.00      0.00      0.00     17.92      8.59
 260.     0.00      0.00     29.87  5369.82      0.26      0.56      0.81     -0.44      0.00      0.00      0.00      0.00     17.94      7.78
 265.     0.00      0.00     40.33  5303.42      0.26      0.56      0.76     -0.50      0.00      0.00      0.00      0.00     17.92      7.92
 270.     0.00      0.00     50.57  5219.69      0.26      0.57      0.86     -0.52      0.00      0.00      0.00      0.00     17.83      7.61
 275.     0.00      0.00     59.85  5159.06      0.25      0.57      0.85     -0.52      0.00      0.00      0.00      0.00     17.86      7.51
 280.     0.00      0.00     70.09  5107.10      0.27      0.58      0.97     -0.67      0.00      0.00      0.00      0.00     17.79      7.15
 285.     0.00      0.00     10.38  5023.38      0.27      0.58      0.95      2.87      0.00      0.00      0.00      0.00     17.82     10.16
 290.     0.00      0.00     19.62  4945.43      0.27      0.59      0.93      1.80      0.00      0.00      0.00      0.00     17.78      7.56
 295.     0.00      0.00     29.86  4910.79      0.27      0.58      0.87      0.14      0.00      0.00      0.00      0.00     17.77      7.32
 300.     0.00      0.00     40.34  4838.61      0.27      0.56      0.87     -0.45      0.00      0.00      0.00      0.00     17.74      5.08
 305.     0.00      0.00     50.56  4775.10      0.26      0.56      0.82     -0.32      0.00      0.00      0.00      0.00     17.76      7.42
 310.     0.00      0.00     59.84  4717.36      0.25      0.56      0.04     -0.53      0.00      0.00      0.00      0.00     17.84      7.93
 315.     0.00      0.00     70.08  4630.75      0.27      0.55      0.76     -0.55      0.00      0.00      0.00      0.00     17.69      8.22
 320.     0.00      0.00     10.38  4596.10      0.27      0.55      0.80      3.48      0.00      0.00      0.00      0.00     17.89      8.09
 325.     0.00      0.00     19.62  4518.15      0.28      0.56      0.85      0.54      0.00      0.00      0.00      0.00     17.55      7.53
 330.     0.00      0.00     29.86  4459.07      0.27      0.57      0.93     -0.35      0.00      0.00      0.00      0.00     17.96      9.33
 335.     0.00      0.00     40.33  4382.46      0.27      0.55      1.04     -0.38      0.00      0.00      0.00      0.00     17.93      6.93
 340.     0.00      0.00     50.57  4342.05      0.28      0.55      0.88     -0.51      0.00      0.00      0.00      0.00     17.87      7.08
 345.     0.00      0.00     59.85  4278.53      0.28      0.55      0.79     -0.40      0.00      0.00      0.00      0.00     17.92      6.98
 350.     0.00      0.00     70.08  4226.56      0.28      0.54      0.79     -0.61      0.00      0.00      0.00      0.00     17.99      6.09
 355.     0.00      0.00     10.38  4157.27      0.27      0.55      0.88      2.84      0.00      0.00      0.00      0.00     18.03      7.46
 360.     0.00      0.00     19.63  4085.10      0.27      0.55      0.85      1.49      0.00      0.00      0.00      0.00     18.01      5.96
 365.     0.00      0.00     29.86  4047.57      0.28      0.53      0.76      0.09      0.00      0.00      0.00      0.00     18.04      6.58
 370.     0.00      0.00     40.32  3986.95      0.28      0.52      0.80     -0.44      0.00      0.00      0.00      0.00     18.09      7.77
 375.     0.00      0.00     50.57  3929.21      0.28      0.52      0.76     -0.57      0.00      0.00      0.00      0.00     18.07      8.10
 380.     0.00      0.00     59.85  3871.47      0.27      0.53      0.84     -0.53      0.00      0.00      0.00      0.00     18.17      7.29
 385.     0.00      0.00     70.08  3813.73      0.28      0.53      0.80     -0.60      0.00      0.00      0.00      0.00     18.23      6.71
 390.     0.00      0.00     10.38  3738.66      0.27      0.52      0.85      2.53      0.00      0.00      0.00      0.00     18.19      6.72
 395.     0.00      0.00     19.63  3683.81      0.28      0.52      0.81      0.17      0.00      0.00      0.00      0.00     18.16      7.81
 400.     0.00      0.00     29.87  3631.85      0.28      0.51      0.81      0.48      0.00      0.00      0.00      0.00     18.21      6.39
 405.     0.00      0.00     40.33  3571.22      0.28      0.52      0.87     -0.53      0.00      0.00      0.00      0.00     18.25      6.54
 410.     0.00      0.00     50.58  3516.36      0.28      0.51      0.83     -0.59      0.00      0.00      0.00      0.00     18.24      5.90
 415.     0.00      0.00     59.85  3434.61      0.26      0.51      0.77     -0.40      0.00      0.00      0.00      0.00     18.24      6.89
 420.     0.00      0.00     70.08  3421.09      0.28      0.51      0.84     -0.59      0.00      0.00      0.00      0.00     18.24      6.09
 425.     0.00      0.00     10.37  3372.02      0.28      0.50      0.75      2.50      0.00      0.00      0.00      0.00     18.24      5.91
 430.     0.00      0.00     19.63  3311.39      0.27      0.48      0.84      1.86      0.00      0.00      0.00      0.00     18.26      6.99
 435.     0.00      0.00     29.87  3265.20      0.27      0.49      0.75      0.49      0.00      0.00      0.00      0.00     18.34      8.06
 440.     0.00      0.00     40.34  3201.68      0.27      0.49      0.73     -0.53      0.00      0.00      0.00      0.00     18.42      8.03
 445.     0.00      0.00     50.58  3143.94      0.27      0.48      0.72     -0.76      0.00      0.00      0.00      0.00     18.45      5.87
 450.     0.00      0.00     59.84  3097.75      0.27      0.48      0.72     -0.61      0.00      0.00      0.00      0.00     18.48      6.58
 455.     0.00      0.00     70.09  3051.56      0.26      0.47      0.70     -0.59      0.00      0.00      0.00      0.00     18.55      8.10
 460.     0.00      0.00     10.38  3008.25      0.28      0.48      0.81      2.76      0.00      0.00      0.00      0.00     18.56      7.04
 465.     0.00      0.00     19.63  2947.63      0.28      0.49      0.78      1.53      0.00      0.00      0.00      0.00     18.57      7.74
 470.     0.00      0.00     29.86  2912.98      0.28      0.47      0.74     -0.03      0.00      0.00      0.00      0.00     18.60      7.14
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TIME       28        29        30      31        32        33        34        35        36        37        38        39        40        41
 475.     0.00      0.00     40.33  2855.24     0.28      0.48      0.77     -0.50      0.00      0.00      0.00      0.00     18.53      6.12
 480.     0.00      0.00     50.57  2794.61     0.28      0.47      0.75     -0.59      0.00      0.00      0.00      0.00     18.53      6.60
 485.     0.00      0.00     59.84  2759.97     0.27      0.47      0.73     -0.56      0.00      0.00      0.00      0.00     18.55      6.20
 490.     0.00      0.00     70.08  2710.89     0.27      0.46      0.72     -0.59      0.00      0.00      0.00      0.00     18.53      6.34
 495.     0.00      0.00     10.37  2667.59     0.28      0.47      0.86      2.92      0.00      0.00      0.00      0.00     18.50      6.35
 500.     0.00      0.00     19.63  2604.07     0.27      0.45      0.75      1.92      0.00      0.00      0.00      0.00     18.62      6.84
 505.     0.00      0.00     29.86  2566.54     0.28      0.46      0.77     -0.11      0.00      0.00      0.00      0.00     18.59      6.71
 510.     0.00      0.00     40.33  2523.24     0.29      0.46      0.75     -0.42      0.00      0.00      0.00      0.00     18.60      5.18
 515.     0.00      0.00     50.57  2468.38     0.27      0.47      0.76     -0.50      0.00      0.00      0.00      0.00     18.60      6.14
 520.     0.00      0.00     59.84  2422.19     0.28      0.47      0.72     -0.61      0.00      0.00      0.00      0.00     18.62      5.85
 525.     0.00      0.00     70.09  2378.89     0.29      0.48      0.80     -0.62      0.00      0.00      0.00      0.00     18.64      6.57
 530.     0.00      0.00     10.39  2326.92     0.20      0.48      0.74      2.73      0.00      0.00      0.00      0.00     18.65      6.51
 535.     0.00      0.00     19.62  2298.05     0.20      0.47      0.73      1.97      0.00      0.00      0.00      0.00     18.68      7.04
 540.     0.00      0.00     29.86  2243.31     0.28      0.47      0.70      0.15      0.00      0.00      0.00      0.00     18.63      5.59
 545.     0.00      0.00     40.33  2202.78     0.27      0.46      0.73     -0.37      0.00      0.00      0.00      0.00     18.64      6.48
 550.     0.00      0.00     50.58  2142.15     0.27      0.46      0.75     -0.57      0.00      0.00      0.00      0.00     18.68      6.64
 555.     0.00      0.00     59.85  2104.62     0.27      0.45      0.72     -0.64      0.00      0.00      0.00      0.00     18.65      6.78
 560.     0.00      0.00     70.10  2064.20     0.28      0.46      0.67     -0.56      0.00      0.00      0.00      0.00     18.65      7.07
 565.     0.00      0.00     10.38  2023.79     0.27      0.45      0.70      2.48      0.00      0.00      0.00      0.00     18.66      6.06
 570.     0.00      0.00     19.64  1997.80     0.28      0.44      0.73      1.50      0.00      0.00      0.00      0.00     18.76      5.96
 575.     0.00      0.00     29.87  1940.06     0.28      0.45      0.78     -0.51      0.00      0.00      0.00      0.00     18.83      7.24
 580.     0.00      0.00     40.33  1899.65     0.29      0.44      0.63     -0.47      0.00      0.00      0.00      0.00     18.80      6.01
 585.     0.00      0.00     50.58  1862.11     0.27      0.45      0.70     -0.49      0.00      0.00      0.00      0.00     18.69      6.83
 590.     0.00      0.00     59.85  1810.15     0.27      0.44      0.73     -0.55      0.00      0.00      0.00      0.00     18.68      6.84
 595.     0.00      0.00     70.09  1775.50     0.27      0.43      0.67     -0.61      0.00      0.00      0.00      0.00     18.80      6.95
 600.     0.00      0.00     10.38  1737.97     0.26      0.43      0.73      2.42      0.00      0.00      0.00      0.00     18.83      6.26
 605.     0.00      0.00     19.64  1717.77     0.26      0.43      0.73      0.38      0.00      0.00      0.00      0.00     18.87      6.41
 610.     0.00      0.00     29.87  1680.23     0.24      0.42      0.72      0.53      0.00      0.00      0.00      0.00     18.88      5.31
 615.     0.00      0.00     40.33  1645.59     0.26      0.42      0.73     -0.50      0.00      0.00      0.00      0.00     18.89      6.21
 620.     0.00      0.00     50.58  1605.17     0.25      0.41      0.70     -0.38      0.00      0.00      0.00      0.00     18.91      6.25
 625.     0.00      0.00     59.85  1584.96     0.25      0.49      0.71     -0.65      0.00      0.00      0.00      0.00     18.95      5.56
 630.     0.00      0.00     70.09  1544.54     0.25      0.40      0.69     -0.60      0.00      0.00      0.00      0.00     18.98      6.32
 635.     0.00      0.00     10.38  1530.11     0.24      0.39      0.59      2.56      0.00      0.00      0.00      0.00     19.01      6.27
 640.     0.00      0.00     19.63  1501.24     0.24      0.39      0.56      1.08      0.00      0.00      0.00      0.00     19.07      5.08
 645.     0.00      0.00     29.86  1472.37     0.24      0.38      0.66     -0.46      0.00      0.00      0.00      0.00     19.07      5.75
 650.     0.00      0.00     40.32  1443.50     0.24      0.38      0.60     -0.49      0.00      0.00      0.00      0.00     19.09      5.54
 655.     0.00      0.00     50.57  1411.74     0.24      0.37      0.57     -0.52      0.00      0.00      0.00      0.00     19.13      5.53
 660.     0.00      0.00     59.84  1382.87     0.23      0.37      0.63     -0.62      0.00      0.00      0.00      0.00     19.16      5.64
 665.     0.00      0.00     70.09  1345.34     0.24      0.36      0.61     -0.54      0.00      0.00      0.00      0.00     19.17      6.07
 670.     0.00      0.00     10.38  1320.02     0.24      0.36      0.56      2.52      0.00      0.00      0.00      0.00     19.21      5.65
 675.     0.00      0.00     19.63  1296.26     0.23      0.35      0.61      1.72      0.00      0.00      0.00      0.00     19.24      4.76
 680.     0.00      0.00     29.88  1278.94     0.23      0.35      0.62      0.05      0.00      0.00      0.00      0.00     19.25      5.12
 685.     0.00      0.00     40.34  1250.07     0.23      0.34      0.57     -0.59      0.00      0.00      0.00      0.00     19.24      5.93
 690.     0.00      0.00     50.58  1218.31     0.23      0.34      0.49     -0.44      0.00      0.00      0.00      0.00     19.32      5.64
 695.     0.00      0.00     59.85  1198.10     0.22      0.34      0.51     -0.60      0.00      0.00      0.00      0.00     19.33      5.53
 700.     0.00      0.00     70.09  1175.01     0.22      0.33      0.53     -0.53      0.00      0.00      0.00      0.00     19.33      5.13
 705.     0.00      0.00     10.38  1166.35     0.22      0.33      0.50      2.46      0.00      0.00      0.00      0.00     19.33      4.79
 710.     0.00      0.00     19.63  1146.14     0.22      0.32      0.54      2.07      0.00      0.00      0.00      0.00     19.35      5.01
 715.     0.00      0.00     29.87  1111.50     0.21      0.32      0.51      0.63      0.00      0.00      0.00      0.00     19.36      5.76
 720.     0.00      0.00     40.33  1102.83     0.21      0.31      0.51     -0.10      0.00      0.00      0.00      0.00     19.37      4.83
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TIME       28       29       30      31       32       33       34       35       36       37       38       39       40       41
 725.     0.00     0.00    50.56  1088.40     0.21     0.30     0.44    -0.66     0.00     0.00     0.00     0.00    19.41     4.75
 730.     0.00     0.00    59.84  1099.95     0.21     0.30     0.44    -0.32     0.00     0.00     0.00     0.00    19.44     5.62
 735.     0.00     0.00    70.09  1039.32     0.21     0.29     0.48    -0.60     0.00     0.00     0.00     0.00    19.47     4.16
 740.     0.00     0.00    10.38  1033.54     0.20     0.28     0.44     1.67     0.00     0.00     0.00     0.00    19.49     5.18
 745.     0.00     0.00    19.63  1004.67     0.20     0.28     0.47     1.40     0.00     0.00     0.00     0.00    19.52     4.03
 750.     0.00     0.00    29.87   990.24     0.21     0.27     0.46     0.04     0.00     0.00     0.00     0.00    19.54     4.80
 755.     0.00     0.00    40.33   958.48     0.20     0.27     0.44    -0.25     0.00     0.00     0.00     0.00    19.59     4.34
 760.     0.00     0.00    50.58   949.82     0.20     0.27     0.43    -0.47     0.00     0.00     0.00     0.00    19.62     4.37
 765.     0.00     0.00    59.85   929.61     0.20     0.26     0.37    -0.59     0.00     0.00     0.00     0.00    19.63     4.65
 770.     0.00     0.00    70.09  1033.54     0.19     0.26     0.42    -0.59     0.00     0.00     0.00     0.00    19.61     4.99
 775.     0.00     0:00    10.38   834.34     0.14     0.26     0.36     2.19     0.00     0.00     0.00     0.00    19.62     4.09
 780.     0.00     0.00    19.62   805.47     0.13     0.25     0.28     1.58     0.00     0.00     0.00     0.00    19.61     4.50
 785.     0.00     0.00    29.86   808.36     0.14     0.23     0.32     0.46     0.00     0.00     0.00     0.00    19.63     4.16
 790.     0.00     0.00    40.33   805.47     0.12     0.22     0.26    -0.52     0.00     0.00     0.00     0.00    19.70     3.78
 795.     0.00     0.00    50.57   796.81     0.14     0.22     0.32    -0.59     0.00     0.00     0.00     0.00    19.78     3.86
 800.     0.00     0.00    59.85   779.49     0.13     0.21     0.31    -0.61     0.00     0.00     0.00     0.00    19.83     3.94
 805.     0.00     0.00    70.09   765.06     0.14     0.20     0.31    -0.59     0.00     0.00     0.00     0.00    19.77     3.65
 810.     0.00     0.00    10.38   747.73     0.12     0.20     0.30     1.94     0.00     0.00     0.00     0.00    19.91     4.05
 815.     0.00     0.00    19.63   739.07     0.12     0.20     0.25     1.51     0.00     0.00     0.00     0.00    19.94     4.00
 820.     0.00     0.00    29.87   736.18     0.11     0.18     0.24    -0.20     0.00     0.00     0.00     0.00    19.96     3.33
 825.     0.00     0.00    40.33   727.52     0.12     0.18     0.24    -0.48     0.00     0.00     0.00     0.00    19.96     3.56
 830.     0.00     0.00    50.57   710.20     0.13     0.17     0.28    -0.47     0.00     0.00     0.00     0.00    19.96     3.38
 835.     0.00     0.00    59.84   707.31     0.12     0.17     0.27    -0.55     0.00     0.00     0.00     0.00    19.98     3.60
 840.     0.00     0.00    70.08   692.88     0.11     0.17     0.28    -0.56     0.00     0.00     0.00     0.00    20.01     2.87
 845.     0.00     0.00    10.37   692.88     0.12     0.17     0.24     1.72     0.00     0.00     0.00     0.00    20.01     3.21
 850.     0.00     0.00    19.62   681.33     0.12     0.17     0.21     1.44     0.00     0.00     0.00     0.00    20.03     2.89
 855.     0.00     0.00    29.86   672.67     0.10     0.17     0.26     0.61     0.00     0.00     0.00     0.00    20.03     3.39
 860.     0.00     0.00    40.33   666.90     0.10     0.17     0.20    -0.57     0.00     0.00     0.00     0.00    20.05     2.78
 865.     0.00     0.00    50.57   658.23     0.10     0.17     0.21    -0.53     0.00     0.00     0.00     0.00    20.06     3.02
 870.     0.00     0.00    59.85   646.69     0.11     0.16     0.23    -0.54     0.00     0.00     0.00     0.00    20.05     3.75
 875.     0.00     0.00    70.08   643.80     0.10     0.16     0.23    -0.52     0.00     0.00     0.00     0.00    19.96     2.37
 880.     0.00     0.00    10.38   630.03     0.10     0.16     0.24     1.50     0.00     0.00     0.00     0.00    20.08     2.62
 885.     0.00     0.00    19.64   626.40     0.11     0.16     0.21     1.22     0.00     0.00     0.00     0.00    20.07     2.63
 890.     0.00     0.00    29.87   612.04     0.10     0.16     0.20    -0.15     0.00     0.00     0.00     0.00    20.11     3.07
 895.     0.00     0.00    40.34   606.27     0.10     0.16     0.19    -0.23     0.00     0.00     0.00     0.00    20.10     2.92
 900.     0.00     0.00    50.57   591.83     0.10     0.16     0.21    -0.42     0.00     0.00     0.00     0.00    20.01     2.84
 905.     0.00     0.00    59.85   586.06     0.11     0.16     0.25    -0.56     0.00     0.00     0.00     0.00    20.03     2.55
 910.     0.00     0.00    70.09   577.40     0.10     0.16     0.19    -0.53     0.00     0.00     0.00     0.00    20.14     2.84
 915.     0.00     0.00    10.38   574.51     0.10     0.16     0.20     1.67     0.00     0.00     0.00     0.00    20.16     2.51
 920.     0.00     0.00    19.63   614.93     0.10     0.15     0.19     1.58     0.00     0.00     0.00     0.00    20.17     2.42
 925.     0.00     0.00    29.87   548.53     0.10     0.15     0.20     0.37     0.00     0.00     0.00     0.00    20.16     2.06
 930.     0.00     0.00    40.34   542.75     0.10     0.15     0.20    -0.12     0.00     0.00     0.00     0.00    20.17     2.43
 935.     0.00     0.00    50.57   528.32     0.10     0.15     0.20    -0.63     0.00     0.00     0.00     0.00    20.18     3.40
 940.     0.00     0.00    59.84   536.98     0.10     0.15     0.19    -0.54     0.00     0.00     0.00     0.00    20.19     1.98
 945.     0.00     0.00    70.08   528.32     0.10     0.15     0.19    -0.52     0.00     0.00     0.00     0.00    20.20     2.86
 950.     0.00     0.00    10.38   525.43     0.10     0.15     0.18     1.52     0.00     0.00     0.00     0.00    20.20     2.66
 955.     0.00     0.00    19.61   508.11     0.10     0.15     0.18     1.07     0.00     0.00     0.00     0.00    20.23     2.45
 960.     0.00     0.00    29.86   505.23     0.10     0.15     0.17     0.23     0.00     0.00     0.00     0.00    20.13     2.78
 965.     0.00     0.00    40.33   508.11     0.10     0.15     0.18     0.10     0.00     0.00     0.00     0.00    20.25     2.53
 970.     0.00     0.00    50.58   499.45     0.10     0.15     0.18    -0.35     0.00     0.00     0.00     0.00    20.24     2.52
```

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TIME        42        43        44        45        46        47        48
   0.    -0.31      0.30     -0.16      0.25     -0.33      0.00      0.00
   0.     0.07     -0.10     -0.13     -0.07     -0.18      0.00      0.00
   0.     0.22     -0.04     -0.38      0.31      0.04      0.00      0.00
   0.    -0.10      0.13      0.05     -0.10      0.28      0.00      0.00
   0.     0.15     -0.33      0.46     -0.29      0.17      0.00      0.00
   0.    -0.03      0.05      0.15     -0.11      0.02      0.00      0.00
   5.    -0.20      0.32      0.01     -0.04     -0.09      0.00      5.00
  10.    -0.21      0.36     -0.48      0.43     -0.50      0.00     10.00
  15.     0.30      0.25     -0.51      0.39     -0.05      0.00     15.00
  20.     0.48      0.31     -0.32     -0.05      0.20      0.02     20.00
  25.     0.33     -0.01     -0.48      0.49      0.01      0.02     25.00
  30.    -0.07      0.50     -0.15      0.00      0.30      0.02     30.00
  35.     0.27      0.22      0.07      0.17     -0.51      0.03     35.00
  40.     0.29      0.44     -0.34      0.15      0.44      0.03     40.00
  45.     0.45      0.35     -0.51      0.39     -0.25      0.03     45.00
  50.     0.11      0.30     -0.09      0.13     -0.24      0.04     50.00
  55.    -0.02      0.56     -0.19      0.08      0.35      0.04     55.00
  60.     0.01      0.94     -0.70      0.41     -0.08      0.05     60.00
  65.     0.55      0.16     -0.11     -0.20      0.20      0.05     65.00
  70.     0.68      0.23     -0.19      0.15     -0.06      0.06     70.00
  75.     0.05      0.25     -0.12      0.43     -0.67      0.06     75.00
  80.     0.47      0.77     -0.59     -0.05      0.17      0.08     80.00
  85.     0.56      0.10     -0.10      0.29     -0.33      0.08     85.00
  90.     0.20      1.04     -0.59      0.21     -0.35      0.11     90.00
  95.     0.46      0.69     -0.48      0.01      0.02      0.13     95.00
 100.     0.38      0.77     -0.29      0.08      0.02      0.15    100.00
 105.     1.53      0.47     -0.28     -0.02     -0.57      0.21    105.00
 110.     1.28      1.02     -0.73      0.16     -0.05      0.25    110.00
 115.     1.14      1.11     -0.45      0.08     -0.46      0.33    115.00
 120.     1.54      1.15     -0.55      0.36     -0.10      0.40    120.00
 125.     1.80      0.63      0.05     -0.14     -0.05      0.48    125.00
 130.     2.29      0.94     -0.32      0.22     -0.30      0.58    130.00
 135.     2.22      1.05     -0.84      0.26     -0.40      0.65    135.00
 140.     2.41      1.90     -0.78      0.05     -0.22      0.74    140.00
 145.     1.99      2.86     -0.94      0.06     -0.47      0.92    145.00
 150.     3.49      1.51      0.37     -0.72      0.17      1.05    150.00
 155.     2.84      2.70     -0.45     -0.30     -0.20      1.23    155.00
 160.     2.70      2.79     -1.87      0.69      1.37      1.39    160.00
 165.     2.67      2.53     -0.73     -0.42      1.09      1.62    165.00
 170.     1.73      3.12      0.07     -0.84      0.04      1.77    170.00
 175.     3.19      3.39     -0.34     -0.84      1.53      2.08    175.00
 180.     5.46      1.46     -0.29     -0.35     -0.35      2.23    180.00
 185.     4.51      2.44     -1.57      1.27     -0.30      2.39    185.00
 190.     3.47      2.86     -0.09     -0.62      0.25      2.61    190.00
 195.     4.98      4.03      0.97     -1.42      0.79      2.95    195.00
 200.     3.70      4.22     -1.10      0.32     -0.65      3.18    200.00
 205.     3.86      5.01     -1.02     -0.35     -0.21      3.35    205.00
 210.     4.35      1.45      0.14      0.47      1.51      3.51    210.00
 215.     8.31      2.65     -0.32     -0.29     -0.92      3.70    215.00
 220.     5.61      3.73     -2.67      0.84     -0.50      3.78    220.00
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TIME        42        43        44        45        46        47        48
 225.      4.58      3.86      0.34     -0.77     -0.31      3.93    225.00
 230.      4.68      4.30      0.46     -0.13     -1.43      4.08    230.00
 235.      8.57      3.03      0.33      0.53     -0.69      4.01    235.00
 240.      4.14      3.76     -0.49     -0.91      0.79      4.12    240.00
 245.      6.04      2.91     -0.35      0.48      0.05      4.29    245.00
 250.      4.07      4.03     -0.29     -0.50     -0.27      4.08    250.00
 255.      2.86      3.55      0.41      0.02     -0.05      4.27    255.00
 260.      5.38      3.27      0.00      0.94     -1.24      4.16    260.00
 265.      5.51      2.55     -0.24      0.69     -1.49      4.27    265.00
 270.      4.19      3.69      2.48     -1.99     -1.72      4.38    270.00
 275.      3.60      4.80     -0.91     -0.94      1.12      4.18    275.00
 280.      8.34      5.75     -1.74      0.11      0.91      4.33    280.00
 285.      3.39      2.46     -0.05      1.55     -1.38      4.31    285.00
 290.      6.02      2.62     -1.04     -0.86      1.15      4.37    290.00
 295.      5.09      2.96     -0.11      0.06     -0.73      4.49    295.00
 300.      7.38      3.92     -1.26     -1.50     -1.11      4.45    300.00
 305.      8.60      3.70     -0.89     -1.18     -0.72      4.15    305.00
 310.      3.99      5.07      0.45     -0.79     -0.73      4.30    310.00
 315.      8.17      3.74      0.55     -0.52     -0.43      4.18    315.00
 320.      4.84      3.64     -1.08     -0.08     -0.92      4.13    320.00
 325.      6.56      3.62     -0.72      0.06     -0.28      4.05    325.00
 330.      5.54      4.61     -0.93      1.34     -1.56      4.12    330.00
 335.      5.11      4.03     -0.75      0.61     -1.30      4.16    335.00
 340.      5.55      3.08     -0.39     -1.86     -1.25      4.19    340.00
 345.      6.38      2.64     -0.05     -1.55     -2.23      4.11    345.00
 350.      7.69      2.35     -1.29      0.89     -0.60      3.82    350.00
 355.      4.07      2.88     -0.79     -0.08      0.12      4.01    355.00
 360.      4.93      3.86     -0.42     -0.15     -0.27      3.99    360.00
 365.      5.14      4.38     -0.63     -1.29     -2.60      3.98    365.00
 370.      5.89      3.94     -1.40      1.21     -0.63      3.94    370.00
 375.      4.95      4.23     -1.53      0.03     -0.89      3.87    375.00
 380.      5.91      3.29     -0.70     -2.09     -1.22      3.72    380.00
 385.      5.55      3.61     -0.49      0.27     -0.75      3.70    385.00
 390.      5.00      4.52     -1.14     -0.43     -1.12      3.87    390.00
 395.      6.10      2.09      0.66     -0.31     -0.80      3.86    395.00
 400.      6.59      3.68     -1.19      0.23     -1.21      3.66    400.00
 405.      5.76      3.04     -0.27     -0.30     -0.43      3.75    405.00
 410.      4.85      3.82     -1.52     -1.41     -0.14      3.70    410.00
 415.      5.07      3.76     -0.93      0.42     -0.46      3.72    415.00
 420.      5.42      4.23     -0.18     -1.10      1.37      3.70    420.00
 425.      5.54      2.53      0.17     -0.64     -0.40      3.71    425.00
 430.      8.76      2.85     -0.67      0.48     -1.02      3.66    430.00
 435.      5.13      2.73     -0.62      0.77     -0.85      3.52    435.00
 440.      4.89      3.13     -0.47      0.11     -0.70      3.50    440.00
 445.      4.85      3.81     -0.50     -0.32     -0.54      3.33    445.00
 450.      6.01      2.48      0.32     -1.03     -1.07      3.33    450.00
 455.      5.07      2.42     -0.12      0.14     -0.15      3.15    455.00
 460.      5.49      2.34      0.57      0.03     -0.95      3.25    460.00
 465.      4.79      3.69     -0.76      0.15     -0.43      3.27    465.00
 470.      5.51      2.64     -0.13      0.19     -1.98      3.33    470.00
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TIME       42        43        44        45        46        47        48
 475.     4.74      4.10     -0.88     -1.23      0.59      3.40    475.00
 480.     4.75      4.03     -0.90      0.03     -1.36      3.32    480.00
 485.     4.96      3.26     -0.29     -0.34     -1.30      3.33    485.00
 490.     4.77      3.44     -0.79      0.27     -0.51      3.22    490.00
 495.     5.79      3.09     -0.43     -0.69     -1.21      3.21    495.00
 500.     5.13      3.40      0.06     -0.20     -0.73      3.34    500.00
 505.     4.86      2.96     -0.13     -0.17     -0.93      3.17    505.00
 510.     5.75      3.86     -0.89     -1.69      0.20      3.23    510.00
 515.     4.48      4.24     -0.65     -0.02     -0.17      3.27    515.00
 520.     6.18      3.41     -0.35     -0.55     -0.82      3.21    520.00
 525.     5.59      3.47     -1.19     -0.66      0.25      3.24    525.00
 530.     5.97      4.29     -1.53     -1.03     -0.35      3.06    530.00
 535.     3.89      4.45     -0.89      0.03     -0.92      3.18    535.00
 540.     4.55      4.77     -1.06      0.11     -0.02      3.28    540.00
 545.     4.90      3.07     -0.74     -1.47     -1.20      3.08    545.00
 550.     4.98      4.08     -0.78      0.23     -1.36      3.18    550.00
 555.     4.77      4.07     -1.26     -0.34     -0.17      3.17    555.00
 560.     4.72      3.49     -0.39     -0.41     -0.93      3.19    560.00
 565.     4.95      2.11      0.71     -0.04     -1.20      3.10    565.00
 570.     4.79      3.62     -0.84      0.14     -0.60      2.92    570.00
 575.     5.48      2.31     -0.36     -0.00     -0.59      2.78    575.00
 580.     4.64      3.13     -0.57     -0.59     -0.66      2.96    580.00
 585.     5.81      2.44     -0.24     -0.19     -1.53      2.97    585.00
 590.     4.69      2.68     -0.54      0.23     -0.79      2.97    590.00
 595.     4.55      2.82     -0.26     -0.07     -0.79      2.84    595.00
 600.     5.55      3.07     -1.02     -0.39     -0.43      2.85    600.00
 605.     5.71      2.78     -0.78     -0.08     -1.01      2.82    605.00
 610.     4.78      4.20     -0.91     -0.57     -0.78      2.79    610.00
 615.     4.95      3.46     -0.90     -0.05     -0.11      2.77    615.00
 620.     5.07      2.80      0.15     -1.08     -0.04      2.72    620.00
 625.     5.61      2.73     -0.64     -0.60      0.02      2.68    625.00
 630.     5.34      3.38     -0.62     -0.60      0.09      2.62    630.00
 635.     4.96      3.13     -1.00     -0.02     -1.05      2.57    635.00
 640.     4.60      3.56     -0.55     -0.31     -0.80      2.44    640.00
 645.     4.41      3.03     -0.20     -0.04     -0.21      2.56    645.00
 650.     4.97      3.23     -0.93     -0.33     -0.60      2.42    650.00
 655.     4.76      3.01     -1.00      0.17     -0.02      2.40    655.00
 660.     5.35      3.04     -0.41     -0.79     -0.40      2.40    660.00
 665.     4.21      2.87     -0.64     -0.30     -0.76      2.34    665.00
 670.     4.28      3.57     -0.88     -0.15     -0.61      2.31    670.00
 675.     4.59      2.79     -0.84     -0.81     -1.01      2.19    675.00
 680.     4.20      2.53     -0.32     -0.40     -0.66      2.29    680.00
 685.     3.94      2.83     -0.36     -0.49     -0.30      2.17    685.00
 690.     4.26      2.48     -0.16      0.33     -1.18      2.11    690.00
 695.     4.66      2.75     -0.88     -0.10     -0.44      2.15    695.00
 700.     4.43      2.43     -0.43     -0.51     -0.50      2.08    700.00
 705.     3.83      3.25     -0.26     -0.49     -1.15      2.11    705.00
 710.     3.63      2.62     -0.59     -0.06     -1.08      2.11    710.00
 715.     3.48      2.49     -0.40     -0.20     -0.72      2.07    715.00
 720.     3.95      2.62     -0.57     -0.48     -0.44      2.00    720.00
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TIME      42      43      44      45      46      47      48
 725.    4.14    2.62   -0.55   -0.30    0.06    1.93   725.00
 730.    4.03    2.76   -0.49   -0.28   -0.09    1.91   730.00
 735.    3.82    2.91   -0.31   -0.59   -0.25    1.85   735.00
 740.    3.41    2.84   -0.66    0.00   -0.85    1.84   740.00
 745.    3.84    2.79   -0.64    0.14   -0.70    1.76   745.00
 750.    3.51    2.73   -0.65   -0.43   -0.63    1.72   750.00
 755.    3.60    2.78   -0.49   -0.34   -0.57    1.61   755.00
 760.    4.27    1.89   -0.26   -0.09   -0.73    1.63   760.00
 765.    3.57    2.01   -0.38    0.09   -0.80    1.64   765.00
 770.    3.70    2.75   -0.87   -1.22   -0.28    1.69   770.00
 775.    3.22    2.95   -0.66    0.11   -0.95    1.64   775.00
 780.    3.22    2.04   -0.63   -0.27   -0.88    1.63   780.00
 785.    3.13    2.78   -1.07    0.04   -0.99    1.55   785.00
 790.    2.95    2.27   -0.44   -0.83   -0.25    1.42   790.00
 795.    3.44    2.18   -0.43   -0.32   -0.49    1.30   795.00
 800.    2.55    2.61   -0.38   -0.23   -0.66    1.21   800.00
 805.    2.89    2.02   -0.23   -0.58   -0.76    1.20   805.00
 810.    3.32    1.61   -0.19   -0.27   -0.80    1.15   810.00
 815.    2.84    2.52   -1.09    0.47   -0.99    1.15   815.00
 820.    2.77    2.53   -0.74   -0.10   -0.53    1.08   820.00
 825.    2.59    2.11   -0.60    0.14   -0.69    1.14   825.00
 830.    2.66    1.90   -0.52    0.10   -0.92    1.11   830.00
 835.    2.78    1.98   -0.76   -0.02   -0.27    1.07   835.00
 840.    2.95    1.79   -0.60   -0.15   -0.47    1.05   840.00
 845.    2.77    1.75   -0.66   -0.28   -0.53    1.03   845.00
 850.    2.53    1.78   -0.40   -0.35   -0.78    1.04   850.00
 855.    2.49    1.70   -0.29   -0.13   -0.49    1.01   855.00
 860.    2.55    2.37   -0.53   -0.09   -0.56    0.99   860.00
 865.    2.39    1.87   -0.40    0.04   -0.66    0.98   865.00
 870.    2.19    2.05   -0.57    0.04   -0.75    0.96   870.00
 875.    2.56    1.78   -0.35   -0.19   -0.80    0.94   875.00
 880.    2.73    1.81   -0.45   -0.20   -0.20    0.94   880.00
 885.    2.48    1.80   -0.65   -0.10   -0.62    0.92   885.00
 890.    2.76    1.63   -0.45    0.18   -0.51    0.88   890.00
 895.    2.60    2.14   -0.88    0.23   -0.40    0.87   895.00
 900.    2.56    1.93   -0.55   -0.14   -0.56    0.84   900.00
 905.    2.55    1.69   -0.40   -0.12   -0.66    0.83   905.00
 910.    2.25    1.61   -0.65   -0.14   -0.30    0.84   910.00
 915.    1.72    2.05   -0.55   -0.24   -0.75    0.80   915.00
 920.    2.33    1.67   -0.39    0.00   -0.73    0.81   920.00
 925.    2.24    1.46   -0.38   -0.09   -0.46    0.82   925.00
 930.    2.46    1.75   -0.31   -0.28   -0.37    0.78   930.00
 935.    2.23    2.43   -0.83    0.24   -0.24    0.76   935.00
 940.    2.31    1.62   -0.55   -0.10   -0.73    0.76   940.00
 945.    2.08    1.63   -0.35   -0.20   -0.33    0.74   945.00
 950.    2.28    1.01   -0.21   -0.30   -0.09    0.72   950.00
 955.    2.37    1.32   -0.65    0.38   -0.96    0.68   955.00
 960.    1.73    1.61   -0.79    0.22   -0.54    0.65   960.00
 965.    2.35    1.83   -0.56   -0.11   -0.30    0.67   965.00
 970.    2.10    1.65   -0.88    0.03   -0.57   [illegible]   [illegible]
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PRC2-W-3-1                                                                                 PAGE     1

TIME       0        1        2        3        4        5        6        7        8        9       10       11       12       13
  0.     22.35    22.12    22.07    22.07    21.65    21.63    21.25    22.63    22.50    22.40    22.32    22.30    22.22    22.10
  0.     22.30    22.07    21.97    22.10    21.63    21.47    21.30    22.55    22.47    22.40    22.45    22.40    22.25    22.10
  0.     22.30    22.17    22.02    22.05    21.67    21.50    21.35    22.60    22.52    22.45    22.40    22.40    22.17    22.12
  0.     22.32    22.20    22.00    22.07    21.67    21.52    21.27    22.60    22.50    22.40    22.40    22.30    22.20    22.10
  0.     22.32    22.12    22.07    22.15    21.75    21.45    21.22    22.60    22.57    22.45    22.40    22.30    22.22    22.10
  0.     22.30    22.15    21.92    22.07    21.75    21.47    21.30    22.55    22.52    22.47    22.40    22.32    22.27    22.10
  0.     22.27    21.97    21.77    21.85    21.22    21.20    20.82    22.42    22.35    22.27    22.20    22.22    22.05    22.02
  0.     22.25    21.92    21.80    21.97    21.27    21.10    20.90    22.47    22.30    22.22    22.17    22.22    22.12    22.00
  0.     22.25    21.97    21.72    22.00    21.50    21.13    21.05    22.50    22.30    22.30    22.17    22.22    22.07    21.97
  0.     22.20    21.85    21.75    21.97    21.70    21.22    21.10    22.47    22.38    22.30    22.20    22.20    22.07    22.00
  0.     22.20    21.90    21.65    22.05    21.72    21.15    21.07    22.45    22.30    22.22    22.17    22.20    22.10    21.92
  0.     22.20    21.95    21.72    22.02    21.67    21.20    21.07    22.45    22.38    22.25    22.20    22.20    22.05    21.90
  0.     22.22    21.90    21.72    22.00    21.45    21.27    21.05    22.40    22.27    22.22    22.22    22.25    22.07    22.00
  5.     22.30    22.42    22.32    22.32    22.00    21.88    21.13    24.30    27.67    26.57    23.37    22.50    22.40    22.42
 10.     24.35    26.82    27.30    22.70    21.67    21.70    21.13    26.67    34.49    31.24    30.34    29.95    29.27    27.90
 15.     33.07    33.80    23.82    22.85    21.57    21.50    21.38    29.02    39.66    34.93    34.27    32.90    33.39    33.10
 20.     38.00    32.58    24.27    22.95    22.12    21.65    21.47    29.27    40.27    37.54    36.98    35.70    35.98    34.76
 25.     38.98    34.61    23.50    22.60    22.00    21.67    21.50    29.42    41.56    38.00    39.39    38.80    38.70    37.85
 30.     40.00    30.56    22.55    22.35    21.88    21.75    21.77    29.58    41.93    39.44    40.66    40.19    40.24    39.63
 35.     41.27    36.80    26.00    22.05    21.85    21.82    21.57    29.85    42.34    40.90    41.19    40.27    39.88    40.10
 40.     42.00    34.27    22.52    22.05    21.75    21.85    21.70    29.73    43.56    41.15    40.71    39.93    39.68    39.32
 45.     41.51    39.05    23.42    22.30    21.92    21.22    21.00    29.66    43.88    42.54    41.05    40.34    41.00    41.24
 50.     42.61    33.19    22.55    22.57    21.70    21.45    21.27    29.83    43.45    41.95    42.00    42.07    41.44    41.17
 55.     43.61    36.88    22.80    22.67    21.55    21.52    21.32    30.68    46.58    43.27    44.29    43.95    43.46    42.90
 60.     42.83    37.07    23.00    22.67    22.02    21.82    21.88    32.12    50.68    47.41    49.27    46.71    43.39    41.54
 65.     50.61    45.88    29.67    22.47    22.02    21.70    21.60    33.44    56.44    54.98    53.10    48.32    44.05    42.83
 70.     51.93    46.15    29.92    22.32    21.90    21.82    21.65    36.27    61.55    57.83    58.76    55.19    49.66    47.32
 75.     65.79    35.78    23.10    22.52    22.15    22.07    21.57    40.93    70.07    64.93    62.55    58.07    58.68    56.58
 80.     75.78    40.17    25.25    22.75    21.90    21.60    21.50    43.78    80.62    77.41    71.95    66.12    63.21    59.38
 85.     72.00    55.51    29.76    22.50    21.97    21.85    21.47    43.61    91.57    84.00    79.83    75.98    75.78    70.66
 90.     85.57    47.58    31.63    22.45    21.95    21.50    21.32    52.63   104.98    94.81    92.86    92.50    89.12    80.00
 95.    101.39    80.05    32.51    22.57    22.12    21.47    21.32    57.98   120.00   116.90   107.34   100.32    93.33    84.74
100.    112.63   100.78    33.98    22.82    21.82    21.85    21.32    62.69   135.52   123.54   122.22   109.37   104.05    94.36
105.    121.46    94.57    36.02    22.70    22.02    21.57    21.32    67.12   144.92   130.77   138.47   120.83   114.51   109.83
110.    147.20   114.95    51.34    22.75    22.05    21.72    21.30    73.02   163.32   151.45   149.97   140.25   137.60   125.56
115.    169.55   147.27    27.77    23.22    22.27    22.25    21.77    79.05   186.25   178.50   172.52   162.52   151.95   145.80
120.    193.37   170.45    43.34    23.52    22.38    22.17    21.92    88.38   201.42   193.35   189.25   177.97   172.07   164.10
125.    207.07   164.40    50.51    23.57    22.30    22.20    21.70   102.05   227.22   220.25   207.71   193.77   185.32   183.45
130.    234.85   227.02    58.74    24.42    21.85    21.57    21.57   116.54   253.88   236.27   238.00   231.72   222.22   222.80
135.    272.12   228.80    70.83    24.35    22.55    22.15    21.57   126.44   291.19   269.37   275.41   268.93   252.34   239.12
140.    294.44   268.39    78.22    24.63    22.25    21.92    21.63   141.80   311.39   289.83   282.56   269.10   269.07   264.85
145.    305.02   276.78    58.02    25.07    22.27    22.50    21.65   153.02   318.71   309.12   313.37   311.54   292.90   311.50
150.    317.63   268.39    76.63    25.07    22.20    22.57    21.60   164.77   326.30   315.07   327.62   315.69   310.10   305.68
155.    314.95   260.29    95.90    25.35    22.50    22.67    21.75   174.32   348.07   325.12   340.17   327.45   320.86   308.78
160.    323.31   273.56    83.33    25.55    22.63    22.65    21.95   179.82   347.98   326.33   340.98   323.26   315.76   309.10
165.    329.59   291.73    82.19    25.60    22.90    22.82    22.45   183.70   347.57   327.07   345.66   329.52   330.33   339.41
170.    319.67   294.05    64.31    25.57    22.40    22.57    22.17   186.13   346.64   345.54   346.62   348.54   327.50   322.81
175.    318.71   256.66    45.85    26.38    24.17    23.37    22.42   189.97   347.31   340.05   342.40   346.71   339.07   325.29
180.    322.95   274.63    75.73    27.02    23.40    23.00    22.65   196.37   346.98   326.38   343.40   346.37   320.64   315.29
185.    325.59   264.56    66.67    27.00    23.37    23.25    21.90   201.57   362.98   341.95   341.86   346.05   344.46   346.24
```

TIME	0	1	2	3	4	5	6	7	8	9	10	11	12	13
190.	322.45	295.05	46.68	27.60	24.25	22.57	21.57	201.52	352.02	340.31	345.38	347.24	341.88	341.58
195.	316.00	310.17	73.00	27.95	25.88	23.10	22.15	200.85	341.95	341.38	342.09	327.12	316.15	292.54
200.	326.76	222.35	35.63	28.05	24.15	23.90	22.40	205.32	355.90	344.51	343.38	345.44	328.40	323.86
205.	321.69	265.93	59.50	27.92	23.67	22.97	22.40	206.17	354.36	346.39	342.59	346.54	340.51	321.07
210.	320.69	263.05	64.40	28.37	23.47	23.00	23.37	206.27	341.90	328.36	344.10	340.17	339.19	330.26
215.	319.12	244.07	71.56	28.82	24.20	22.60	23.42	207.58	350.83	345.29	346.45	340.79	330.07	326.52
220.	316.57	279.34	48.29	28.02	22.50	23.00	23.50	217.50	346.33	342.10	344.26	345.80	330.07	324.79
225.	323.21	268.98	53.49	27.63	22.55	22.88	22.85	219.25	354.24	343.05	329.55	328.17	340.32	341.17
230.	321.31	267.12	73.29	27.57	22.80	23.22	22.77	220.85	344.57	338.63	346.51	340.27	329.52	323.48
235.	324.29	312.29	78.88	27.20	22.52	22.88	23.22	224.07	357.29	327.69	342.07	327.81	338.66	321.83
240.	317.67	285.66	67.07	26.82	22.88	22.72	22.95	220.77	353.55	330.12	342.12	324.48	317.29	312.21
245.	313.93	290.10	95.19	27.02	24.13	22.70	22.38	224.15	341.57	330.07	344.95	339.07	340.63	326.29
250.	314.00	273.80	102.10	28.00	23.02	22.77	22.67	221.00	349.32	318.45	327.02	324.52	318.76	309.10
255.	312.45	288.24	94.17	27.40	22.75	22.52	22.42	228.00	346.39	327.00	329.36	321.69	320.14	324.29
260.	316.49	292.73	72.34	27.40	22.90	22.52	22.38	224.20	343.61	327.09	329.36	325.69	321.62	312.38
265.	311.67	297.05	54.54	27.35	23.13	22.97	23.30	225.07	348.39	324.95	327.19	325.29	324.31	313.95
270.	312.29	259.80	61.88	27.72	23.32	23.40	22.70	226.45	340.10	316.93	319.50	317.68	306.56	314.09
275.	310.29	264.34	89.69	26.97	23.20	23.45	22.52	228.20	344.27	327.76	340.78	327.90	319.52	317.17
280.	316.85	273.51	60.95	27.35	23.07	22.75	22.55	229.70	340.61	324.81	345.27	330.24	324.86	314.12
285.	317.61	303.00	62.31	29.00	23.85	22.69	22.67	229.07	342.44	315.79	319.43	314.74	315.50	313.26
290.	310.00	228.56	88.59	28.47	22.35	22.52	22.38	230.15	329.74	321.26	324.38	321.33	327.02	328.36
295.	312.22	253.39	114.05	29.97	24.85	22.67	22.88	230.77	341.95	323.12	329.57	330.09	324.40	325.09
300.	315.02	288.68	106.63	28.97	23.37	22.92	21.97	227.85	325.36	317.95	326.09	320.86	318.24	319.19
305.	314.61	267.68	83.83	28.70	23.30	23.10	23.15	233.30	327.33	317.29	329.83	323.86	313.02	305.73
310.	317.34	297.39	70.95	27.60	22.85	22.92	22.67	231.82	343.80	318.05	314.74	317.14	317.12	315.40
315.	311.98	289.07	57.63	28.17	23.92	22.72	22.55	232.22	339.32	315.07	316.45	316.58	316.00	312.90
320.	309.63	277.78	62.55	28.10	22.95	22.85	22.60	232.82	326.21	316.76	315.31	317.02	314.05	316.98
325.	311.93	291.24	65.12	28.37	23.20	22.95	22.15	230.29	326.74	320.02	321.57	316.36	317.19	315.22
330.	312.34	291.85	118.05	28.63	22.63	22.70	23.13	228.90	328.71	318.02	319.64	314.33	314.21	315.81
335.	305.71	271.39	102.17	28.55	25.13	22.72	22.47	230.82	320.45	311.83	316.83	313.79	318.55	327.43
340.	306.29	274.37	40.24	27.80	22.47	22.82	23.05	232.65	323.09	311.29	317.71	314.00	316.49	310.98
345.	307.54	258.32	66.59	27.88	23.60	22.95	22.85	228.93	327.71	315.73	315.58	315.61	310.73	310.78
350.	303.95	250.88	80.14	28.57	23.60	22.55	22.80	228.61	325.30	313.62	318.93	316.73	311.78	313.56
355.	290.44	267.41	95.79	28.52	24.25	22.67	22.72	227.85	321.48	316.51	316.07	317.88	316.02	311.81
360.	304.44	274.80	84.00	28.72	22.95	23.02	23.70	229.00	319.57	313.56	315.63	312.61	310.80	293.45
365.	302.76	236.37	77.19	28.80	23.42	23.17	22.88	227.98	315.31	312.73	317.93	312.90	315.50	317.55
370.	290.95	287.56	69.68	29.07	22.90	23.00	22.82	227.95	312.90	313.93	313.95	308.54	305.68	315.17
375.	293.26	285.56	63.69	28.22	23.07	23.13	23.42	232.77	320.19	310.86	311.88	316.73	306.76	301.49
380.	302.76	263.76	75.76	28.47	24.57	22.72	22.25	230.19	315.57	315.10	311.45	309.76	303.07	291.07
385.	291.64	264.29	65.40	29.00	23.75	22.50	23.45	231.71	322.67	308.02	309.00	308.29	306.00	306.10
390.	295.93	277.32	103.07	28.80	25.65	23.15	22.67	231.05	316.43	313.19	313.45	311.05	302.61	291.83
395.	293.67	273.98	74.61	28.75	23.15	22.52	22.47	229.05	312.43	313.88	310.86	309.29	306.66	312.34
400.	294.12	277.00	56.39	28.63	24.25	23.02	22.82	231.63	322.40	314.05	311.85	309.61	310.93	314.83
405.	291.17	275.44	59.15	28.85	23.90	23.27	23.02	232.10	317.15	308.12	307.41	307.66	304.70	307.19
410.	293.90	275.10	54.61	29.02	23.50	22.70	22.55	232.49	314.55	313.32	314.90	311.14	315.88	311.05
415.	293.36	259.24	63.09	28.77	23.92	22.50	23.07	233.61	312.26	313.93	317.83	316.60	315.80	309.54
420.	291.78	278.02	77.41	29.10	23.32	22.90	23.50	232.37	311.29	306.19	308.32	307.12	301.78	291.32
425.	296.19	266.07	55.78	29.35	25.10	22.92	23.52	232.37	314.07	310.41	313.66	309.66	302.98	306.88
430.	296.44	263.46	50.15	29.57	23.20	22.92	23.55	230.29	310.93	308.54	306.51	293.76	292.40	306.95
435.	297.39	275.05	77.95	29.57	23.97	23.02	22.47	230.78	313.71	305.27	310.24	305.05	294.09	309.10

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TIME       0        1        2        3        4        5        6        7        8        9       10       11       12       13
 440.   291.22   261.63    77.81    29.02    23.57    22.90    22.80   230.27   308.68   304.68   305.73   302.22   301.93   309.27
 445.   289.68   256.05    61.31    28.65    24.38    23.17    22.22   231.51   313.98   302.88   306.93   302.66   290.74   294.95
 450.   289.73   269.46    60.57    28.97    23.63    23.02    22.12   229.12   310.98   301.68   307.73   294.29   295.02   304.76
 455.   284.71   268.29    81.00    28.75    23.40    22.40    23.00   230.22   310.78   304.61   306.90   291.19   292.12   291.19
 460.   294.68   253.05    65.81    28.77    23.87    22.50    22.25   230.05   309.17   292.24   293.86   296.49   292.07   293.63
 465.   284.61   249.46    92.69    28.57    24.25    22.55    22.52   230.58   307.56   296.95   292.17   296.90   296.10   303.83
 470.   282.39   244.85    72.12    28.88    22.75    22.65    23.85   230.58   308.61   293.17   292.81   296.22   291.12   296.41
 475.   287.22   262.12    61.02    29.02    22.70    22.20    23.55   229.07   305.56   293.12   306.29   292.38   296.54   293.98
 480.   282.00   238.66    86.64    29.27    22.70    22.75    23.30   228.95   301.80   294.05   296.37   290.15   284.88   290.17
 485.   278.76   261.17    62.64    28.77    23.02    22.63    23.27   228.02   306.10   295.73   303.71   291.95   293.44   295.02
 490.   273.83   242.54    72.44    27.97    22.80    22.72    23.10   228.73   290.90   291.90   296.41   293.02   290.56   289.29
 495.   269.56   249.10    79.44    28.35    22.97    22.63    23.87   228.05   293.19   289.46   293.39   290.02   286.19   283.44
 500.   268.56   236.68    60.69    30.29    22.82    22.82    23.10   231.45   297.61   287.49   290.51   293.39   289.54   291.73
 505.   276.34   244.02    60.67    29.38    23.17    22.97    23.97   231.50   297.27   283.51   288.15   287.46   282.34   274.68
 510.   268.85   256.95    79.37    28.42    22.95    22.95    23.60   229.82   290.71   282.63   287.68   282.85   276.00   275.63
 515.   275.78   246.80    63.02    28.22    22.90    22.08    23.50   228.02   286.41   282.10   285.05   278.12   272.51   262.51
 520.   270.66   230.24    55.90    27.47    22.45    22.45    23.02   226.25   279.32   276.15   276.56   272.15   266.98   271.95
 525.   261.71   243.54    77.05    27.82    24.60    22.32    22.75   226.02   279.73   276.17   277.88   274.68   271.10   268.39
 530.   258.68   228.63    79.76    27.00    23.57    22.32    22.67   223.22   278.12   271.68   272.07   269.05   262.71   265.17
 535.   258.41   234.46    78.22    27.45    25.80    22.40    22.80   222.07   274.78   270.54   273.10   269.02   262.29   262.07
 540.   261.49   229.90    45.24    27.47    24.32    24.80    22.88   221.05   276.39   268.00   269.29   263.63   261.76   271.32
 545.   244.80   230.35    60.88    28.40    23.30    22.57    22.72   222.52   270.56   263.73   263.85   262.83   263.10   267.71
 550.   251.15   230.37    45.56    28.75    23.90    22.75    22.35   220.90   269.61   264.46   265.05   261.02   251.61   247.71
 555.   240.85   202.62    47.34    30.24    23.02    22.75    23.10   218.05   267.29   262.46   262.80   257.85   255.41   250.51
 560.   247.05   229.57    53.76    31.78    25.75    22.70    23.15   215.97   262.29   257.32   256.98   253.58   252.37   255.15
 565.   235.76   227.85    76.56    29.58    25.50    22.92    22.95   215.38   259.61   255.71   251.49   250.19   248.07   248.10
 570.   244.93   201.80    71.00    29.30    25.32    22.63    22.85   214.30   258.78   254.27   254.54   250.10   241.98   241.80
 575.   240.46   231.65    56.51    27.97    25.02    22.65    23.45   208.12   253.68   250.15   249.07   246.58   242.44   249.50
 580.   235.24   223.95    36.80    27.63    24.60    24.10    22.45   205.32   250.85   247.83   248.39   243.51   238.12   239.83
 585.   228.78   217.27    51.90    27.85    23.77    22.10    22.10   203.66   246.41   241.07   241.93   237.76   234.29   235.10
 590.   233.17   207.34    56.66    27.75    23.55    22.65    22.35   202.49   245.19   241.19   243.66   241.19   249.07   237.58
 595.   232.60   203.85    64.88    27.20    26.15    22.67    22.50   202.51   244.07   241.07   243.49   242.44   238.07   240.10
 600.   229.37   214.25    72.05    27.38    22.92    22.75    23.25   200.17   235.76   232.98   233.02   232.76   228.51   230.85
 605.   228.05   208.57    53.12    27.50    23.37    22.88    23.17   202.55   229.68   228.51   229.95   229.71   232.17   229.68
 610.   203.44   192.92    90.52    29.97    23.37    22.65    23.70   198.10   218.85   219.02   215.05   216.17   207.02   213.75
 615.   197.97   177.02    70.88    28.20    23.95    23.42    21.77   194.32   202.34   198.93   199.27   201.97   199.27   195.97
 620.   183.95   176.02    67.48    26.97    24.17    21.97    21.65   190.65   199.00   197.02   193.40   194.95   193.97   195.17
 625.   184.02   151.00    74.02    29.90    27.02    22.20    22.42   186.87   191.25   188.80   187.67   187.52   185.42   185.12
 630.   178.95   165.90    81.67    26.50    25.47    23.40    22.25   185.20   187.85   187.12   182.70   100.85   177.57   177.89
 635.   178.82   163.80   121.10    27.80    22.70    21.89    21.85   183.13   183.55   180.72   176.17   176.37   173.63   170.22
 640.   172.62   168.72    87.40    29.52    23.77    22.00    21.57   100.80   180.87   179.47   176.90   176.70   172.38   172.40
 645.   167.05   155.02    70.80    28.07    23.05    21.82    21.82   177.72   173.22   172.42   170.72   170.50   168.55   166.65
 650.   164.05   150.07    71.90    27.45    23.82    22.10    22.07   176.40   170.00   166.80   167.60   170.30   169.13   169.52
 655.   163.02   146.60    84.38    26.97    23.40    22.35    22.10   173.75   169.17   167.42   166.10   165.82   163.80   163.20
 660.   154.50   143.05    73.78    27.00    23.50    22.30    22.50   172.32   162.27   162.57   159.00   160.57   160.02   159.52
 665.   157.30   128.37    50.39    26.40    23.65    22.05    22.35   171.35   164.47   161.07   157.38   158.02   153.65   155.60
 670.   148.35   149.65    72.78    26.10    22.70    22.65    22.30   169.25   160.32   154.45   155.42   156.47   154.62   154.80
 675.   151.65   143.17    70.34    25.55    22.47    22.07    22.50   167.30   155.97   152.25   152.55   152.47   148.37   150.55
 680.   151.30   120.66    65.36    25.27    22.45    22.12    22.90   166.25   152.55   147.50   147.38   147.40   145.05   149.52
 685.   147.12   129.41    58.80    26.20    23.45    22.30    22.50   164.42   148.95   147.38   147.80   143.72   144.90   146.60
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TIME       0       1       2       3       4       5       6       7       8       9      10      11      12      13
 690.  139.95  135.20   78.09   26.22   24.27   22.50   22.65  162.22  147.90  146.12  147.05  146.92  143.27  143.02
 695.  142.07  125.49   46.63   26.42   26.35   22.85   23.00  160.27  144.22  139.02  140.63  145.67  142.63  142.40
 700.  136.38  123.51   53.88   26.27   24.45   23.52   22.82  159.75  143.85  141.97  141.55  142.25  140.27  139.13
 705.  136.47  117.19   33.71   25.92   23.17   22.80   22.20  159.47  146.15  143.95  140.85  142.47  136.92  138.80
 710.  138.52  120.39   33.07   25.47   23.70   21.95   21.63  158.62  146.65  143.65  142.47  143.72  140.10  138.17
 715.  134.97  134.02   58.43   25.72   22.30   22.57   23.20  157.57  143.65  140.27  139.02  138.65  136.27  137.65
 720.  134.85  110.39   73.27   25.17   22.40   22.42   23.07  156.32  140.90  139.85  140.05  140.42  140.40  141.20
 725.  127.63  123.22   78.83   26.52   24.60   22.40   21.97  155.72  135.95  133.30  136.63  139.67  135.50  134.75
 730.  134.25  124.73   74.66   25.55   23.82   22.25   22.00  154.40  137.27  135.17  134.62  136.97  133.67  134.22
 735.  127.90  124.58   62.31   25.32   23.07   22.30   22.30  153.47  134.25  129.76  133.67  129.76  126.83  126.24
 740.  129.39  121.61   59.98   25.65   23.22   22.07   22.10  152.60  138.25  134.20  133.82  128.05  123.98  126.51
 745.  123.44  119.98   71.22   27.42   22.92   22.52   22.42  151.17  134.25  134.95  133.37  127.41  124.24  124.83
 750.  124.12  119.56   65.21   26.27   24.70   22.92   22.35  150.70  127.34  125.76  127.56  129.17  127.19  129.63
 755.  122.95  122.02   38.44   27.30   24.20   23.37   22.05  150.15  129.56  126.02  122.02  128.29  124.76  125.85
 760.  126.29  115.68   38.88   26.20   22.70   23.20   22.07  149.55  125.58  124.90  126.39  127.95  125.76  126.44
 765.  121.78  106.34   62.14   28.32   22.45   22.10   22.07  147.88  122.58  121.80  123.02  125.07  124.12  124.00
 770.  122.80  110.17   55.34   28.00   22.55   22.77   22.30  146.85  120.80  121.83  123.15  121.27  119.90  121.49
 775.  118.05  111.54   49.78   26.88   23.80   22.67   22.25  145.75  118.19  117.27  116.71  118.32  116.58  118.76
 780.  120.58  112.58   63.55   25.47   22.15   22.57   22.35  145.77  120.49  119.34  119.83  121.41  116.19  117.98
 785.  112.39  109.83   58.05   25.10   23.22   22.55   22.52  144.95  118.32  118.07  116.37  117.85  113.19  112.60
 790.  119.41   88.79   56.44   28.35   22.70   22.25   22.27  144.20  117.37  118.34  119.29  121.27  115.46  118.73
 795.  118.24  111.66   72.61   25.60   22.67   22.65   22.25  144.22  118.07  118.27  119.00  119.10  115.07  115.17
 800.  118.93   88.38   66.93   24.55   22.82   23.20   22.60  142.32  116.32  113.56  114.05  113.19  109.37  109.22
 805.  115.22  106.32   77.98   24.75   22.40   22.05   22.17  143.88  115.32  112.88  110.83  112.98  108.00  110.07
 810.  113.71  106.54   63.95   26.17   22.55   22.40   23.40  144.40  114.65  113.63  115.83  117.98  114.49  115.73
 815.  114.54  103.05   57.85   26.47   23.63   23.27   21.92  143.00  115.98  117.85  117.58  115.66  110.85  111.78
 820.  109.83  101.83   67.64   25.52   22.67   22.12   22.20  142.05  114.58  112.95  112.17  112.88  110.10  111.98
 825.  110.63  104.15   56.07   25.92   22.35   22.07   22.25  141.67  111.02  111.95  111.73  114.56  108.63  109.07
 830.  111.49  106.17   57.93   25.95   22.55   22.32   22.20  141.63  111.32  109.15  106.54  106.54  102.98  106.19
 835.  109.51  102.41   46.51   25.25   22.10   22.38   22.55  141.27  110.54  106.49  104.07  105.66  103.98  105.88
 840.  109.10  102.76   41.51   25.52   22.45   22.32   22.02  140.45  108.37  103.68  105.00  108.68  105.17  110.07
 845.  109.12   90.59   48.46   25.65   23.52   22.05   21.02  139.05  107.05  105.41  105.17  107.56  105.39  108.24
 850.  107.68   96.03   59.02   25.97   24.92   22.42   21.70  137.90  105.24  103.39  103.44  104.98  103.63  106.37
 855.  105.46   94.50   51.19   28.13   24.65   22.42   21.95  137.40  104.32  102.88  103.83  105.68  103.10  103.17
 860.  104.00   96.79   41.19   26.35   22.88   22.65   21.75  135.85  104.10  102.15  104.02  107.83  104.39  106.73
 865.   97.52   96.00   37.76   25.47   23.32   22.38   22.82  136.47  104.71  100.90  101.10  104.07  101.85  103.10
 870.  103.73   94.76   59.33   26.88   23.22   22.90   23.22  136.85  103.66  101.95  100.15   96.21   93.95   92.45
 875.   97.55   92.45   51.98   25.60   22.88   22.70   22.55  137.05  104.15   96.43   97.21  101.95   95.81   96.52
 880.  100.78   89.55   35.78   25.22   22.75   22.38   22.57  137.13  103.46  100.51  102.00  101.19   96.90   97.36
 885.   97.57   80.43   55.02   28.50   23.67   23.00   21.85  138.45  105.07   95.50   95.38   96.81   93.38   95.24
 890.  102.17   92.12   56.54   26.02   23.55   22.02   21.97  136.97  103.10   97.02  101.63   97.00   94.02   95.50
 895.   94.26   90.33   46.46   26.77   23.32   22.65   22.40  134.67  101.68  100.95  100.85  100.41   94.19   95.31
 900.  104.80   93.07   50.68   26.75   23.40   22.25   21.95  133.60  101.15  100.68  100.15  100.85   95.68  100.15
 905.   95.19   77.29   37.15   25.30   22.22   22.17   22.77  133.27   97.40   95.59   94.55   96.05   92.14   95.29
 910.  100.37   87.26   66.45   24.72   22.38   22.10   22.35  134.85  103.90   96.76   93.26   92.88   92.00   94.50
 915.   97.57   89.00   36.15   25.00   21.80   22.02   22.30  129.39   92.98   91.45   92.19   92.09   89.64   93.05
 920.   91.07   87.21   41.10   25.92   22.57   22.25   22.38  134.65   96.00   91.90   91.50   91.02   87.07   91.00
 925.   93.81   84.38   55.22   26.75   22.15   21.85   21.45  133.27   92.52   91.12   91.26   91.31   89.67   91.74
 930.   90.36   86.17   57.32   29.85   22.65   22.30   21.82  134.72   94.02   89.95   90.64   89.83   89.12   90.71
 935.   92.79   83.07   58.55   28.25   22.22   21.97   22.67  134.55  101.93   90.95   89.19   87.59   86.69   91.36
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PRC2-W-3-1                                                                              PAGE     5

TIME       0        1        2        3        4        5        6        7        8        9       10       11       12       13
 940.    92.24    85.02    50.71    28.00    22.67    22.20    22.20   135.00   104.93    96.09    93.12    88.38    86.05    89.45
 945.    94.19    82.69    50.48    26.05    22.22    22.17    21.88   129.51    92.52    91.52    89.86    89.76    86.45    88.29
 950.    87.62    78.41    50.32    26.60    21.82    21.70    21.80   125.80    90.09    86.95    87.93    89.69    88.36    90.21
 955.    87.76    70.32    48.32    25.80    22.30    21.72    22.22   126.83   101.15    91.02    88.52    89.76    86.02    87.86
 960.    88.26    82.71    45.24    25.55    23.67    21.90    21.80   127.68    94.74    87.59    88.64    91.45    87.12    86.79
 965.    89.43    81.93    38.98    25.42    23.30    22.45    21.82   126.90    92.09    88.00    89.05    90.79    86.17    85.80
 970.    89.38    82.48    51.49    29.61    22.77    21.80    21.80   126.66    90.36    87.33    89.83    90.26    87.62    88.69
 975.    93.31    81.74    51.19    26.85    22.27    22.15    21.63   127.88    93.19    90.48    91.05    89.76    85.45    88.33
 980.    91.14    83.02    51.66    26.30    22.75    22.30    22.17   128.66   101.85    90.57    89.50    91.64    89.26    86.67
 985.    91.29    70.51    50.24    25.97    23.50    22.32    21.97   129.07   107.71    94.69    91.59    89.02    85.50    84.93
 990.    85.86    80.50    50.54    26.40    23.80    21.97    22.20   129.02   103.27    91.93    88.57    88.79    85.36    89.05
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TIME      14      15      16      17      18      19      20      21      22      23      24      25      26      27
   0.   22.00   22.00   21.85   21.77   21.67   21.70   21.50   21.38   21.13   21.50   22.42    0.00    0.00    0.00
   0.   21.97   21.97   21.85   21.82   21.67   21.65   21.47   21.35   21.15   21.50   22.38    0.00    0.00    0.00
   0.   22.05   21.95   21.82   21.80   21.72   21.65   21.47   21.32   21.17   21.47   22.45    0.00    0.00    0.00
   0.   22.05   22.00   21.90   21.82   21.70   21.70   21.52   21.40   21.17   21.50   22.45    0.00    0.00    0.00
   0.   22.02   21.97   21.90   21.88   21.72   21.65   21.55   21.40   21.07   21.55   22.40    0.00    0.00    0.00
   0.   22.05   21.92   21.90   21.80   21.65   21.60   21.52   21.38   21.05   21.55   22.42    0.00    0.00    0.00
   0.   21.88   21.77   21.75   21.65   21.52   21.50   21.25   21.15   20.95   21.42   22.35    0.00    0.00    0.00
   0.   21.85   21.82   21.77   21.63   21.52   21.42   21.30   21.15   20.95   21.45   22.27    0.00    0.00    0.00
   0.   21.82   21.72   21.75   21.52   21.42   21.45   21.30   21.22   21.00   21.40   22.30    0.00    0.00    0.00
   0.   21.85   21.80   21.75   21.65   21.50   21.42   21.32   21.13   20.97   21.40   22.35    0.00    0.00    0.00
   0.   21.80   21.82   21.72   21.57   21.47   21.45   21.25   21.13   20.87   21.42   22.22    0.00    0.00    0.00
   0.   21.82   21.77   21.70   21.52   21.42   21.45   21.27   21.20   20.82   21.45   22.32    0.00    0.00    0.00
   0.   21.80   21.77   21.72   21.47   21.45   21.40   21.25   21.20   20.85   21.45   22.30    0.00    0.00    0.00
   5.   22.38   22.47   22.45   22.22   22.10   21.97   21.65   21.65   21.25   21.57   23.10    0.00    0.00    0.00
  10.   27.80   28.52   27.72   24.35   22.60   22.25   21.97   21.75   21.27   21.70   24.32    0.00    0.00    0.00
  15.   30.51   27.57   25.13   23.50   22.65   22.25   21.97   21.82   21.50   21.77   25.30    0.00    0.00    0.00
  20.   33.76   30.19   26.02   23.42   22.65   22.27   21.95   21.72   21.20   21.77   25.70    0.00    0.00    0.00
  25.   37.05   33.83   30.24   24.32   23.42   22.60   22.20   21.97   21.40   21.85   25.97    0.00    0.00    0.00
  30.   36.17   32.85   27.82   23.90   23.47   22.40   22.20   22.15   21.42   21.92   25.95    0.00    0.00    0.00
  35.   37.85   34.88   31.37   25.47   22.88   22.47   22.07   22.05   21.47   22.12   26.25    0.00    0.00    0.00
  40.   39.80   35.95   29.95   24.70   22.67   22.38   21.97   22.02   21.45   22.25   26.38    0.00    0.00    0.00
  45.   41.05   38.15   31.71   25.13   22.75   22.42   21.90   21.95   21.47   22.30   26.77    0.00    0.00    0.00
  50.   39.27   35.61   31.17   25.07   23.13   22.60   22.22   21.90   21.45   22.32   27.00    0.00    0.00    0.00
  55.   38.34   35.17   31.61   25.27   23.32   22.82   22.38   22.07   21.55   22.55   27.47    0.00    0.00    0.00
  60.   37.29   33.98   32.02   26.75   23.65   23.05   22.55   22.20   21.60   22.82   28.70    0.00    0.00    0.00
  65.   40.49   36.17   31.46   25.72   24.45   23.55   22.45   22.45   21.57   23.20   29.30    0.00    0.00    0.00
  70.   44.05   38.41   32.71   26.52   24.00   23.67   22.77   22.65   21.90   23.82   30.27    0.00    0.00    0.00
  75.   53.29   42.24   34.68   29.27   25.00   24.27   23.13   23.07   22.07   24.57   32.12    0.00    0.00    0.00
  80.   56.19   42.68   37.58   31.34   25.47   24.95   23.42   23.70   22.32   25.67   34.83    0.00    0.00    0.00
  85.   63.43   46.88   39.54   30.95   25.90   26.30   24.10   24.15   22.70   26.82   37.80    0.00    0.00    0.00
  90.   77.78   59.59   43.37   31.73   27.60   27.07   24.75   24.52   22.55   28.13   40.51    0.00    0.00    0.00
  95.   77.74   64.14   45.24   33.49   28.65   28.67   25.38   25.27   23.27   29.77   44.88    0.00    0.00    0.00
 100.   88.55   74.93   49.17   32.41   29.49   29.77   26.13   26.38   23.77   31.15   52.32    0.00    0.00    0.00
 105.  101.93   82.19   62.90   37.05   30.85   31.22   27.47   27.65   24.47   33.17   58.02    0.00    0.00    0.00
 110.  117.17   92.95   72.34   39.41   33.37   33.51   28.82   27.67   24.97   36.17   63.57    0.00    0.00    0.00
 115.  144.82  114.76   78.64   40.78   35.46   36.02   29.51   28.92   25.07   38.63   72.50    0.00    0.00    0.00
 120.  153.67  136.50   86.19   43.78   38.10   38.12   31.34   30.54   26.85   43.05   79.24    0.00    0.00    0.00
 125.  176.70  155.80  113.61   50.76   40.95   43.07   34.27   32.24   28.13   48.49   90.33    0.00    0.00    0.00
 130.  196.15  182.47  139.40   57.56   48.19   49.49   34.88   33.88   29.62   56.51  104.05    0.00    0.00    0.00
 135.  222.45  195.60  167.77   60.19   53.54   56.78   39.66   40.44   32.29   65.14  119.15    0.00    0.00    0.00
 140.  239.51  219.85  163.72   64.79   56.80   60.69   42.60   45.56   34.83   78.27  126.34    0.00    0.00    0.00
 145.  282.51  227.30  180.75   75.61   63.43   64.31   45.66   44.29   37.07   88.93  130.57    0.00    0.00    0.00
 150.  274.76  236.73  183.92   77.12   60.71   70.56   48.51   47.63   38.19  103.66  150.37    0.00    0.00    0.00
 155.  265.68  242.32  194.72   83.21   64.45   65.57   46.61   49.51   40.22  114.17  157.62    0.00    0.00    0.00
 160.  289.29  246.19  199.22   89.57   75.80   74.63   48.95   53.49   38.05  119.02  163.42    0.00    0.00    0.00
 165.  288.12  232.58  169.17   84.71   66.48   76.12   56.24   58.00   39.54  112.78  169.05    0.00    0.00    0.00
 170.  288.54  229.85  173.35   86.93   67.40   78.34   56.17   57.17   40.17  111.27  170.42    0.00    0.00    0.00
 175.  304.41  240.07  188.85   91.14   65.71   76.83   55.29   57.78   39.66  110.83  170.97    0.00    0.00    0.00
 180.  277.83  238.05  170.30   93.48   73.49   82.05   57.22   57.68   40.63  109.22  174.95    0.00    0.00    0.00
 185.  311.95  233.35  180.30   95.49   75.24   77.63   57.66   58.02   40.00  109.29  175.75    0.00    0.00    0.00
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TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
 190.   282.24   233.63   183.40    96.81    81.81    78.58    54.80    58.44    40.34   119.90   180.10     0.00     0.00     0.00
 195.   274.66   246.98   175.77    95.93    72.19    73.05    55.49    59.62    43.71   126.76   181.55     0.00     0.00     0.00
 200.   297.41   243.73   171.95   101.63    70.49    76.19    56.46    59.74    41.68   134.75   181.27     0.00     0.00     0.00
 205.   312.50   239.07   162.00    97.21    75.66    73.83    54.56    58.71    42.10   123.51   182.57     0.00     0.00     0.00
 210.   294.00   241.90   200.42   102.10    73.95    72.24    50.71    58.05    44.54   138.20   184.15     0.00     0.00     0.00
 215.   279.61   237.54   187.92   103.12    74.29    79.22    56.88    58.61    41.71   125.61   190.57     0.00     0.00     0.00
 220.   291.43   229.07   195.63   109.24    75.98    78.95    57.86    66.24    42.34   121.15   192.20     0.00     0.00     0.00
 225.   273.05   216.52   199.95   109.15    78.09    77.07    56.10    60.50    42.34   128.27   194.38     0.00     0.00     0.00
 230.   276.44   247.68   201.05   103.93    81.79    80.05    58.78    65.76    45.95   123.32   199.62     0.00     0.00     0.00
 235.   287.78   242.07   205.34   120.07    83.00    84.43    58.26    65.05    41.80   112.54   201.80     0.00     0.00     0.00
 240.   287.68   241.78   193.95   114.56    85.33    93.64    64.00    65.02    39.98   111.66   198.49     0.00     0.00     0.00
 245.   305.73   266.41   191.90   112.19    83.48    91.98    62.24    62.29    41.49   116.90   199.49     0.00     0.00     0.00
 250.   263.27   239.39   187.22   109.49    88.24    85.69    60.98    67.17    44.02   112.78   201.17     0.00     0.00     0.00
 255.   304.24   247.95   175.92   113.46    76.51    83.95    60.29    63.14    41.61   111.66   201.83     0.00     0.00     0.00
 260.   277.95   241.32   181.20   121.90    80.36    84.36    62.33    60.50    42.05   112.19   202.73     0.00     0.00     0.00
 265.   286.93   235.76   193.00   114.34    86.48    81.79    59.40    63.17    43.63   115.34   204.12     0.00     0.00     0.00
 270.   291.02   243.32   202.77   110.05    86.07    83.09    59.74    70.05    44.73   123.85   204.10     0.00     0.00     0.00
 275.   292.73   248.12   172.75   111.00    86.00    92.67    62.90    66.71    46.19   129.10   206.29     0.00     0.00     0.00
 280.   290.15   235.98   191.00   110.90    80.62    94.21    65.43    66.05    45.02   134.30   207.41     0.00     0.00     0.00
 285.   287.32   238.49   185.25   114.22    82.14    84.90    63.50    69.98    49.12   140.63   206.29     0.00     0.00     0.00
 290.   283.17   229.54   180.05   105.95    89.19    96.76    64.29    66.00    42.12   137.40   207.37     0.00     0.00     0.00
 295.   284.41   232.82   179.55   113.02    81.69    84.93    66.24    67.81    45.27   128.54   208.22     0.00     0.00     0.00
 300.   291.00   232.49   187.45   114.22    88.98    91.59    62.62    65.76    47.78   120.10   208.05     0.00     0.00     0.00
 305.   284.80   245.71   194.80   109.85    86.98    94.21    64.17    63.64    46.85   124.12   215.92     0.00     0.00     0.00
 310.   295.98   234.27   195.22   117.24   101.56    93.14    63.14    71.58    44.49   126.58   215.45     0.00     0.00     0.00
 315.   297.39   241.34   189.47   117.15    83.43    90.19    64.57    66.76    46.22   123.66   216.10     0.00     0.00     0.00
 320.   311.73   250.58   182.85   124.66    89.69    85.09    63.71    66.12    42.88   124.93   215.63     0.00     0.00     0.00
 325.   281.88   232.90   174.82   117.51    81.05    90.57    66.98    67.74    45.80   125.54   217.63     0.00     0.00     0.00
 330.   292.19   226.90   172.62   124.88    86.83    95.29    66.07    65.31    42.80   127.66   216.50     0.00     0.00     0.00
 335.   283.76   237.29   178.32   110.41    86.00    89.52    63.29    66.36    44.63   133.85   216.60     0.00     0.00     0.00
 340.   284.71   231.32   166.95   113.49    85.90    91.52    70.90    65.79    43.66   129.83   216.77     0.00     0.00     0.00
 345.   281.05   234.07   189.45   113.63    93.31   100.85    70.66    66.64    43.41   121.85   216.97     0.00     0.00     0.00
 350.   287.39   239.39   174.20   111.10    82.00    85.48    61.19    67.40    44.63   133.40   218.30     0.00     0.00     0.00
 355.   280.71   224.97   176.75   118.24    78.86    85.71    63.86    70.12    44.78   134.92   218.67     0.00     0.00     0.00
 360.   268.98   243.85   185.87   113.22    77.61    84.52    64.86    72.17    42.37   134.60   217.40     0.00     0.00     0.00
 365.   307.88   253.90   186.70   115.34    92.33    94.62    65.21    71.51    42.02   123.29   218.15     0.00     0.00     0.00
 370.   290.49   235.00   191.57   120.61    97.21    96.19    62.59    59.21    45.90   119.02   218.27     0.00     0.00     0.00
 375.   278.80   232.15   183.25   118.00    96.31    94.69    64.80    66.38    42.56   120.27   219.65     0.00     0.00     0.00
 380.   271.76   234.98   174.72   122.27   100.51    89.02    59.17    70.63    44.19   122.90   218.95     0.00     0.00     0.00
 385.   286.41   231.07   188.02   119.39    80.71    92.71    62.24    66.79    46.24   135.02   220.15     0.00     0.00     0.00
 390.   269.90   230.73   190.38   118.17    82.29    95.64    71.44    73.93    44.49   127.44   220.47     0.00     0.00     0.00
 395.   306.63   246.93   184.10   118.58    79.40    93.79    70.15    72.39    46.02   125.00   220.15     0.00     0.00     0.00
 400.   290.88   240.32   169.30   115.02    82.81    82.88    59.55    70.39    45.32   140.38   219.80     0.00     0.00     0.00
 405.   292.00   238.73   165.42   116.39    90.14    92.33    63.83    71.76    43.95   139.17   219.65     0.00     0.00     0.00
 410.   285.61   243.07   177.97   118.85    87.26    91.00    65.36    67.07    44.61   125.46   218.52     0.00     0.00     0.00
 415.   251.30   231.93   186.20   121.10    90.36    93.79    65.90    67.05    45.90   121.93   219.00     0.00     0.00     0.00
 420.   272.88   232.71   187.90   119.39    90.38   104.68    65.83    71.07    43.80   123.17   219.22     0.00     0.00     0.00
 425.   278.95   229.15   169.32   119.66    86.19    96.59    73.19    71.41    42.88   124.88   220.50     0.00     0.00     0.00
 430.   293.71   230.58   184.85   119.44    95.45   102.39    67.59    64.26    43.34   135.35   219.85     0.00     0.00     0.00
 435.   294.39   256.15   186.75   122.98    78.29    87.02    70.88    69.90    42.61   133.35   222.12     0.00     0.00     0.00
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TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
 440.   291.57   234.80   189.17   119.58    96.62    95.31    67.19    69.58    45.39   125.73   221.25     0.00     0.00     0.00
 445.   270.27   225.85   194.15   120.66    95.38    95.21    66.29    70.56    49.02   136.25   221.10     0.00     0.00     0.00
 450.   303.00   238.12   180.32   124.34    82.62    86.90    63.98    70.22    45.12   135.97   220.17     0.00     0.00     0.00
 455.   286.22   230.37   180.62   123.66    86.45    85.00    64.79    66.83    43.00   133.80   220.85     0.00     0.00     0.00
 460.   288.98   243.24   198.20   122.76    92.21   102.93    71.12    74.05    45.07   128.56   220.07     0.00     0.00     0.00
 465.   278.24   230.38   184.10   122.17    88.02    96.12    72.49    73.10    45.41   128.10   220.25     0.00     0.00     0.00
 470.   279.17   228.39   175.52   116.07    91.29   101.34    72.49    75.51    44.41   135.67   221.17     0.00     0.00     0.00
 475.   270.76   221.63   181.97   115.10    85.19    94.33    70.05    70.85    44.95   128.83   220.17     0.00     0.00     0.00
 480.   275.93   221.95   177.90   124.17    85.76   101.83    69.76    70.07    43.05   129.68   218.75     0.00     0.00     0.00
 485.   272.68   229.17   195.42   121.44    89.81    95.52    66.50    73.90    44.88   126.90   217.75     0.00     0.00     0.00
 490.   272.88   229.22   173.88   119.22   100.95   100.27    66.02    70.80    44.27   119.15   216.30     0.00     0.00     0.00
 495.   258.44   221.35   168.82   120.56    93.36   100.29    66.09    67.43    43.85   120.29   215.38     0.00     0.00     0.00
 500.   257.37   205.07   155.70   115.90    81.31    84.14    64.81    71.54    45.51   127.24   215.85     0.00     0.00     0.00
 505.   238.58   226.70   173.67   118.68    88.98    83.64    59.74    63.55    44.37   129.61   214.70     0.00     0.00     0.00
 510.   262.63   218.15   178.87   118.71    87.98    87.19    62.00    69.83    48.93   127.17   213.85     0.00     0.00     0.00
 515.   250.88   226.82   181.52   124.49    96.86    89.81    64.50    66.69    43.10   124.56   207.63     0.00     0.00     0.00
 520.   270.32   233.00   170.27   118.39    91.38    85.59    61.67    64.67    46.98   118.56   206.15     0.00     0.00     0.00
 525.   240.98   206.17   167.90   117.19    88.21    82.55    60.71    64.07    44.49   121.73   204.10     0.00     0.00     0.00
 530.   256.66   218.17   177.45   117.05    93.33    85.40    64.19    67.52    43.80   119.24   202.56     0.00     0.00     0.00
 535.   253.98   220.92   174.65   112.71    85.00    85.14    64.29    65.29    44.80   123.54   202.44     0.00     0.00     0.00
 540.   256.49   223.40   168.52   109.71    76.37    85.52    64.93    65.59    44.02   122.88   202.07     0.00     0.00     0.00
 545.   260.76   194.85   152.60   113.27    84.19    86.81    64.90    62.86    42.71   117.32   200.66     0.00     0.00     0.00
 550.   238.95   208.27   150.57   114.93    89.79    90.05    62.29    66.71    41.29   110.61   199.66     0.00     0.00     0.00
 555.   237.98   200.22   150.65   116.95    86.05    93.09    63.02    64.21    41.51   106.56   202.02     0.00     0.00     0.00
 560.   241.85   201.32   162.12   115.15    87.26    85.17    61.50    59.29    44.73   111.93   200.67     0.00     0.00     0.00
 565.   249.34   214.38   141.13   109.05    77.66    89.62    64.74    66.07    44.15   112.46   200.02     0.00     0.00     0.00
 570.   235.83   198.42   160.12   114.02    80.26    86.33    63.00    66.19    42.95   110.24   200.45     0.00     0.00     0.00
 575.   233.66   202.25   164.15   111.39    87.07    86.29    65.62    64.21    43.37   107.95   198.60     0.00     0.00     0.00
 580.   233.98   204.95   151.17   112.00    91.88    84.69    63.00    66.24    45.83   115.80   197.42     0.00     0.00     0.00
 585.   233.83   186.65   142.92   108.46    79.81    86.40    62.71    67.14    44.10   118.80   195.27     0.00     0.00     0.00
 590.   230.75   171.97   137.15   111.15    83.79    83.24    63.59    61.40    45.05   113.41   194.67     0.00     0.00     0.00
 595.   230.77   190.45   144.45   103.83    79.81    87.98    62.71    62.59    44.22   115.76   193.50     0.00     0.00     0.00
 600.   227.82   173.90   141.63    97.07    78.12    87.24    65.12    66.81    40.98   111.73   191.97     0.00     0.00     0.00
 605.   226.07   170.22   142.52   106.02    83.26    80.81    57.86    61.98    42.17   104.19   189.75     0.00     0.09     0.00
 610.   203.54   198.90   172.42   116.00    86.55    83.69    67.02    58.31    41.90    93.95   185.17     0.00     0.00     0.00
 615.   192.57   183.45   175.20   138.05    93.71    86.52    63.98    62.07    46.37   104.76   181.22     0.00     0.00     0.00
 620.   192.72   180.13   163.67   136.47    93.14    86.76    65.86    65.38    45.68   108.05   178.45     0.00     0.00     0.00
 625.   184.32   182.02   171.97   146.70    91.59    85.31    61.26    61.29    46.34   109.83   175.72     0.00     0.00     0.00
 630.   173.67   171.90   164.17   148.52    88.95    87.69    66.43    60.98    41.24    94.45   173.88     0.00     0.00     0.00
 635.   166.57   165.10   154.45   127.39    80.00    80.59    62.24    65.31    46.17   100.05   172.13     0.00     0.00     0.00
 640.   170.77   166.55   160.87   142.00    85.71    78.69    62.05    59.31    43.39    95.74   170.40     0.00     0.00     0.00
 645.   160.05   159.40   146.72   126.12    85.38    83.29    66.81    60.48    43.00    89.45   168.20     0.00     0.00     0.00
 650.   165.82   161.13   146.67   120.76    78.68    77.67    61.79    58.14    45.32    97.43   166.57     0.00     0.00     0.00
 655.   161.95   155.88   146.92   126.71    84.81    79.43    61.76    58.17    45.07    95.45   165.20     0.00     0.00     0.00
 660.   157.60   152.80   145.40   123.07    72.66    78.21    60.26    59.74    44.90    94.07   163.62     0.00     0.00     0.00
 665.   157.47   148.65   139.07   119.71    78.99    78.29    60.36    58.90    40.58    82.98   162.47     0.00     0.00     0.00
 670.   154.15   152.42   142.32   104.63    67.50    76.83    59.74    56.37    42.54    84.88   161.10     0.00     0.00     0.00
 675.   151.67   150.82   137.55   100.80    75.05    77.02    61.19    59.14    39.05    85.29   159.30     0.00     0.00     0.00
 680.   147.30   142.10   136.17   102.05    71.34    75.02    60.38    58.56    42.44    83.40   157.95     0.00     0.00     0.00
 685.   146.77   144.38   135.25   103.73    73.41    72.15    59.05    58.73    43.78    89.17   156.85     0.00     0.00     0.00
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TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
690.	142.12	139.35	128.93	102.34	72.32	69.85	57.24	52.88	42.34	89.31	155.80	0.00	0.00	0.00
695.	141.92	138.75	133.55	112.49	67.31	71.44	57.95	55.98	42.83	89.59	155.05	0.00	0.00	0.00
700.	138.40	137.25	129.51	113.68	70.93	74.56	57.73	58.10	41.34	87.38	154.38	0.00	0.00	0.00
705.	138.47	136.02	120.66	100.63	67.02	73.80	58.27	56.15	43.83	88.98	152.85	0.00	0.00	0.00
710.	136.32	133.57	119.58	93.55	67.59	71.85	57.46	55.17	43.58	83.17	151.95	0.00	0.00	0.00
715.	137.97	135.60	125.80	91.55	67.38	70.49	52.54	50.17	42.10	86.14	151.20	0.00	0.00	0.00
720.	140.38	129.90	120.73	96.31	67.06	70.56	53.10	52.05	41.63	86.36	150.63	0.00	0.00	0.00
725.	127.78	123.83	115.78	102.88	77.63	75.95	51.19	53.32	42.10	89.55	149.92	0.00	0.00	0.00
730.	128.19	124.46	115.76	102.37	77.81	71.41	56.71	55.63	41.56	83.95	148.42	0.00	0.00	0.00
735.	123.85	120.95	114.85	100.78	76.34	74.78	54.66	55.22	39.29	80.29	148.37	0.00	0.00	0.00
740.	128.83	124.39	118.19	106.39	66.21	66.31	53.93	53.41	41.63	82.36	147.38	0.00	0.00	0.00
745.	122.54	119.37	114.19	101.46	63.33	63.09	49.17	49.85	41.37	87.45	145.65	0.00	0.00	0.00
750.	129.71	124.61	116.39	104.51	73.56	66.43	49.71	46.44	40.05	82.09	145.65	0.00	0.00	0.00
755.	119.27	114.19	109.61	101.80	69.71	63.93	51.41	49.61	40.50	80.19	144.80	0.00	0.00	0.00
760.	125.39	124.07	108.22	96.57	71.00	65.19	49.78	53.19	40.54	81.74	143.52	0.00	0.00	0.00
765.	124.61	124.66	120.10	97.02	75.41	60.74	47.71	50.17	42.32	85.55	143.10	0.00	0.00	0.00
770.	122.24	118.76	111.07	96.17	81.71	63.74	48.76	51.19	41.05	85.17	143.10	0.00	0.00	0.00
775.	112.37	114.88	109.29	94.00	76.93	63.00	47.90	51.37	42.95	86.14	142.07	0.00	0.00	0.00
780.	114.88	111.05	104.00	92.36	78.33	64.76	51.58	51.46	39.22	80.24	140.80	0.00	0.00	0.00
785.	112.02	110.27	95.33	88.79	73.12	62.90	51.41	50.17	41.78	82.14	140.42	0.00	0.00	0.00
790.	117.78	114.49	103.93	87.29	65.26	62.79	51.44	49.51	42.63	82.76	139.67	0.00	0.00	0.00
795.	111.83	105.90	101.56	87.95	72.76	63.00	51.49	51.05	41.68	81.74	138.02	0.00	0.00	0.00
800.	106.58	103.46	97.55	89.17	64.00	61.36	49.70	48.68	41.24	78.02	138.52	0.00	0.00	0.00
805.	106.05	103.32	95.95	92.57	74.00	64.26	51.22	52.12	41.61	80.29	138.57	0.00	0.00	0.00
810.	100.27	103.83	95.31	87.09	71.73	64.69	54.24	51.29	42.71	82.48	137.47	0.00	0.00	0.00
815.	104.63	104.22	101.98	86.57	71.22	61.57	54.10	52.12	42.07	79.86	136.50	0.00	0.00	0.00
820.	109.56	105.51	100.05	88.86	70.83	63.74	49.00	49.78	41.49	79.24	135.72	0.00	0.00	0.00
825.	106.58	106.88	105.19	87.49	69.54	64.31	49.85	48.39	41.32	80.26	135.47	0.00	0.00	0.00
830.	104.90	105.22	101.27	87.19	64.50	64.17	53.10	51.00	41.24	80.74	135.35	0.00	0.00	0.00
835.	101.80	101.78	93.02	78.52	58.80	58.07	48.37	51.46	41.95	78.45	135.27	0.00	0.00	0.00
840.	108.90	107.68	104.61	86.86	61.00	58.31	49.05	49.37	39.41	77.93	134.22	0.00	0.00	0.00
845.	105.61	101.24	94.00	83.76	66.52	60.64	48.78	49.41	39.73	77.24	133.62	0.00	0.00	0.00
850.	104.12	97.19	91.62	81.50	62.26	61.07	50.73	49.49	41.00	79.44	129.58	0.00	0.00	0.00
855.	104.22	104.22	100.54	82.64	61.50	58.76	51.00	51.12	39.17	78.56	128.93	0.00	0.00	0.00
860.	106.71	102.93	94.48	78.17	58.38	59.00	50.49	49.85	39.61	77.66	128.44	0.00	0.00	0.00
865.	102.39	97.59	94.59	79.69	57.68	57.71	47.46	49.19	39.56	78.07	127.58	0.00	0.00	0.00
870.	92.93	92.14	89.12	80.71	64.55	59.14	49.83	46.78	36.27	75.17	127.98	0.00	0.00	0.00
875.	93.50	88.69	83.74	75.19	59.05	60.21	51.27	49.71	37.98	74.02	127.32	0.00	0.00	0.00
880.	96.43	95.09	89.40	78.95	60.21	58.95	48.41	48.02	35.83	73.93	127.15	0.00	0.00	0.00
885.	93.83	92.40	85.98	80.24	64.52	58.02	48.80	46.05	37.34	71.68	126.93	0.00	0.00	0.00
890.	93.86	93.43	90.24	84.95	65.24	59.02	47.15	45.10	37.29	75.88	126.34	0.00	0.00	0.00
895.	94.26	96.02	90.45	82.12	58.14	58.44	49.00	45.46	39.68	75.66	126.22	0.00	0.00	0.00
900.	100.56	95.95	91.43	80.81	54.95	55.05	45.76	46.56	38.41	74.12	125.44	0.00	0.00	0.00
905.	94.74	94.24	89.17	83.64	57.88	57.88	46.45	46.54	37.80	71.90	124.76	0.00	0.00	0.00
910.	94.81	93.19	85.81	79.79	59.22	58.37	48.19	46.27	37.71	70.76	124.44	0.00	0.00	0.00
915.	89.19	86.14	82.33	79.02	59.71	58.40	46.02	44.05	37.80	70.63	124.49	0.00	0.00	0.00
920.	89.98	87.90	83.26	79.19	57.93	58.26	48.07	47.12	38.41	71.07	124.37	0.00	0.00	0.00
925.	86.74	84.05	77.83	74.51	59.00	56.24	46.15	44.44	39.80	72.27	123.46	0.00	0.00	0.00
930.	88.31	87.07	83.17	77.93	65.76	58.19	45.39	47.66	38.93	71.15	123.49	0.00	0.00	0.00
935.	93.36	86.48	80.29	77.10	58.02	58.71	47.27	45.39	38.46	70.34	122.29	0.00	0.00	0.00

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TIME       14       15       16       17       18       19       20       21       22       23       24        25       26       27
 940.    90.88    83.02    80.62    76.15    61.67    58.24    47.95    44.95    38.98    67.29   122.00      0.00     0.00     0.00
 945.    90.45    88.71    85.50    78.12    59.33    59.38    47.58    47.39    38.37    66.74   122.02      0.00     0.00     0.00
 950.    87.05    85.64    84.05    75.90    57.24    55.78    46.78    46.58    39.78    71.56   121.24      0.00     0.00     0.00
 955.    86.93    84.17    79.45    71.73    54.05    57.22    44.15    46.22    38.34    72.34   121.15      0.00     0.00     0.00
 960.    84.55    81.40    78.14    71.85    52.34    54.02    46.24    44.46    38.24    69.61   120.17      0.00     0.00     0.00
 965.    83.81    83.83    79.52    73.71    55.10    58.46    44.61    45.34    37.19    69.68   120.12      0.00     0.00     0.00
 970.    87.24    86.48    85.05    74.05    51.54    58.83    47.37    44.95    37.71    70.24   119.73      0.00     0.00     0.00
 975.    88.40    89.48    83.57    75.07    50.61    56.93    45.46    46.24    39.49    71.29   119.10      0.00     0.00     0.00
 980.    85.33    85.76    79.19    76.29    59.74    54.29    43.22    45.05    37.34    67.67   118.58      0.00     0.00     0.00
 985.    81.88    83.12    81.83    77.78    63.52    54.27    42.66    44.00    37.63    70.63   118.68      0.00     0.00     0.00
 990.    83.81    84.71    81.00    76.90    62.52    56.34    46.12    45.44    37.71    65.88   117.73      0.00     0.00     0.00
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TIME       28        29        30      31        32        33        34        35        36        37        38        39        40        41
   0.     0.00      0.00     19.97 10313.77     0.00      0.00      0.01      0.08      0.00      0.00      0.00      0.00     21.00     -1.94
   0.     0.00      0.00     30.21 10342.34     0.00      0.00      0.01     -0.16      0.00      0.00      0.00      0.00     20.99     -2.42
   0.     0.00      0.00     40.70 10370.91     0.00      0.00      0.01     -0.22      0.00      0.00      0.00      0.00     20.99     -1.64
   0.     0.00      0.00     50.93 10342.34     0.00      0.00      0.01     -0.19      0.00      0.00      0.00      0.00     20.99     -2.68
   0.     0.00      0.00     60.20 10342.34     0.01      0.00      0.01      0.16      0.00      0.00      0.00      0.00     20.99     -2.32
   0.     0.00      0.00     70.43 10370.91     0.00      0.00      0.01     -0.24      0.00      0.00      0.00      0.00     20.99     -1.90
   0.     0.00      0.00     10.73 10410.90     0.00      0.00      0.01      0.06      0.00      0.00      0.00      0.00     20.86     -1.17
   0.     0.00      0.00     19.97 10313.77     0.00      0.00      0.01     -0.33      0.00      0.00      0.00      0.00     20.86     24.13
   0.     0.00      0.00     30.20 10342.34     0.00      0.00      0.01      0.21      0.00      0.00      0.00      0.00     20.86     -1.66
   0.     0.00      0.00     40.70 10342.34     0.00      0.00      0.01      0.29      0.00      0.00      0.00      0.00     20.86     -0.85
   0.     0.00      0.00     50.93 10342.34     0.00      0.00      0.01      0.26      0.00      0.00      0.00      0.00     20.86     -2.14
   0.     0.00      0.00     60.20 10342.34     0.00      0.00      0.01      0.05      0.00      0.00      0.00      0.00     20.86     -3.35
   0.     0.00      0.00     70.43 10313.77     0.00      0.00      0.01      0.26      0.00      0.00      0.00      0.00     20.86     -2.05
   5.     0.00      0.00     10.73 10462.33     0.01      0.00      0.04     -0.18      0.00      0.00      0.00      0.00     20.81     -1.10
  10.     0.00      0.00     19.98 10370.91     0.00      0.00      0.04      0.15      0.00      0.00      0.00      0.00     20.81     -1.08
  15.     0.00      0.00     30.20 10370.91     0.01      0.00      0.05      0.14      0.00      0.00      0.00      0.00     20.80     -1.42
  20.     0.00      0.00     40.70 10399.48     0.01      0.00      0.05      0.33      0.00      0.00      0.00      0.00     20.69      0.16
  25.     0.00      0.00     50.93 10428.05     0.00      0.00      0.04     -0.38      0.00      0.00      0.00      0.00     20.59     -0.35
  30.     0.00      0.00     60.19 10428.05     0.00      0.00      0.04      0.46      0.00      0.00      0.00      0.00     20.53     -2.35
  35.     0.00      0.00     70.44 10399.48     0.01      0.00      0.05     -0.40      0.00      0.00      0.00      0.00     20.50      1.31
  40.     0.00      0.00     10.73 10459.48     0.01      0.00      0.04      0.80      0.00      0.00      0.00      0.00     20.48     -0.60
  45.     0.00      0.00     19.98 10399.48     0.00      0.00      0.04      0.48      0.00      0.00      0.00      0.00     20.46     -0.47
  50.     0.00      0.00     30.21 10370.91     0.00      0.01      0.03     -0.43      0.00      0.00      0.00      0.00     20.45      0.56
  55.     0.00      0.00     40.70 10370.91     0.01      0.01      0.05     -0.15      0.00      0.00      0.00      0.00     20.44     -0.61
  60.     0.00      0.00     50.94 10342.34     0.01      0.01      0.07     -0.10      0.00      0.00      0.00      0.00     20.43     -0.29
  65.     0.00      0.00     60.19 10313.77     0.01      0.01      0.07      0.32      0.00      0.00      0.00      0.00     20.42      1.11
  70.     0.00      0.00     70.43 10313.77     0.02      0.01      0.10     -0.35      0.00      0.00      0.00      0.00     20.38     -0.45
  75.     0.00      0.00     10.72 10385.19     0.02      0.02      0.10      1.19      0.00      0.00      0.00      0.00     20.29      0.19
  80.     0.00      0.00     19.98 10285.20     0.03      0.02      0.13      0.26      0.00      0.00      0.00      0.00     20.22      1.07
  85.     0.00      0.00     30.20 10256.63     0.03      0.03      0.14     -0.19      0.00      0.00      0.00      0.00     20.10      0.70
  90.     0.00      0.00     40.70 10228.06     0.04      0.04      0.18     -0.16      0.00      0.00      0.00      0.00     20.00      1.54
  95.     0.00      0.00     50.93 10199.48     0.05      0.04      0.23     -0.55      0.00      0.00      0.00      0.00     19.90      4.30
 100.     0.00      0.00     60.20 10170.92     0.06      0.05      0.29      0.40      0.00      0.00      0.00      0.00     19.77      2.03
 105.     0.00      0.00     70.43 10113.78     0.08      0.06      0.32     -0.82      0.00      0.00      0.00      0.00     19.63      5.00
 110.     0.00      0.00     10.73 10116.64     0.09      0.08      0.35      2.22      0.00      0.00      0.00      0.00     19.51      2.36
 115.     0.00      0.00     19.98  9999.50     0.12      0.10      0.49      1.76      0.00      0.00      0.00      0.00     19.30      4.71
 120.     0.00      0.00     30.21  9913.79     0.15      0.11      0.50      0.19      0.00      0.00      0.00      0.00     19.06      5.00
 125.     0.00      0.00     49.70  9828.07     0.20      0.15      0.65      0.45      0.00      0.00      0.00      0.00     18.74      2.85
 130.     0.00      0.00     50.93  9685.23     0.27      0.18      0.80     -0.67      0.00      0.00      0.00      0.00     18.46      6.81
 135.     0.00      0.00     60.20  9628.09     0.34      0.22      0.87     -0.86      0.00      0.00      0.00      0.00     18.14      7.67
 140.     0.00      0.00     70.43  9542.38     0.39      0.23      1.08      0.27      0.00      0.00      0.00      0.00     17.70      6.52
 145.     0.00      0.00     10.73  9505.23     0.44      0.25      1.17      3.69      0.00      0.00      0.00      0.00     17.19      8.20
 150.     0.00      0.00     19.98  9313.82     0.47      0.26      1.22      1.71      0.00      0.00      0.00      0.00     16.86      3.43
 155.     0.00      0.00     30.21  9113.82     0.49      0.26      1.24      0.55      0.00      0.00      0.00      0.00     16.55      9.33
 160.     0.00      0.00     40.70  9028.12     0.51      0.25      1.25     -0.31      0.00      0.00      0.00      0.00     16.26     10.45
 165.     0.00      0.00     50.93  8913.84     0.51      0.25      1.29      0.11      0.00      0.00      0.00      0.00     16.13      4.22
 170.     0.00      0.00     60.20  8799.56     0.52      0.23      1.28     -0.29      0.00      0.00      0.00      0.00     16.10      8.39
 175.     0.00      0.00     70.43  8605.29     0.53      0.24      1.26     -0.88      0.00      0.00      0.00      0.00     16.05      5.35
 180.     0.00      0.00     10.73  8639.57     0.55      0.24      1.32      3.83      0.00      0.00      0.00      0.00     16.10      7.10
 185.     0.00      0.00     19.98  8456.72     0.54      0.23      1.33      2.39      0.00      0.00      0.00      0.00     16.07      6.91
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TIME       28      29      30       31      32      33      34      35      36      37      38      39      40      41
 190.    0.00    0.00   30.21  8445.29    0.56    0.23    1.33    0.19    0.00    0.00    0.00    0.00   16.00    9.35
 195.    0.00    0.00   40.71  8171.02    0.60    0.23    1.40    0.46    0.00    0.00    0.00    0.00   16.06   10.73
 200.    0.00    0.00   50.94  8205.30    0.58    0.23    1.48    0.21    0.00    0.00    0.00    0.00   16.07    7.18
 205.    0.00    0.00   60.21  7942.46    0.56    0.21    1.28    0.34    0.00    0.00    0.00    0.00   15.92    8.22
 210.    0.00    0.00   70.44  7936.74    0.59    0.21    1.35   -0.66    0.00    0.00    0.00    0.00   16.01    3.71
 215.    0.00    0.00   10.73  7816.75    0.57    0.20    1.31    3.61    0.00    0.00    0.00    0.00   16.13    5.41
 220.    0.00    0.00   19.99  7708.19    0.58    0.20    1.30    3.07    0.00    0.00    0.00    0.00   16.19    7.64
 225.    0.00    0.00   30.21  7599.62    0.57    0.19    1.26   -0.76    0.00    0.00    0.00    0.00   16.27   10.10
 230.    0.00    0.00   40.71  7462.48    0.58    0.19    1.34   -0.59    0.00    0.00    0.00    0.00   16.29    7.28
 235.    0.00    0.00   50.93  7391.06    0.56    0.18    1.25   -0.79    0.00    0.00    0.00    0.00   16.25    7.26
 240.    0.00    0.00   60.19  7248.20    0.55    0.18    1.33   -0.58    0.00    0.00    0.00    0.00   16.28    6.67
 245.    0.00    0.00   70.42  7105.36    0.54    0.17    1.21   -0.65    0.00    0.00    0.00    0.00   16.34    7.87
 250.    0.00    0.00   10.73  6976.79    0.54    0.16    1.20    3.52    0.00    0.00    0.00    0.00   16.38    5.42
 255.    0.00    0.00   19.98  6911.08    0.54    0.16    1.19    2.30    0.00    0.00    0.00    0.00   16.46    8.31
 260.    0.00    0.00   30.21  6825.37    0.56    0.16    1.27   -1.02    0.00    0.00    0.00    0.00   16.56    6.03
 265.    0.00    0.00   40.70  6728.23    0.55    0.16    1.21   -0.58    0.00    0.00    0.00    0.00   16.59    5.19
 270.    0.00    0.00   50.94  6622.52    0.56    0.15    1.23   -0.91    0.00    0.00    0.00    0.00   16.61    8.95
 275.    0.00    0.00   60.20  6496.82    0.58    0.15    1.16    0.19    0.00    0.00    0.00    0.00   16.69    8.47
 280.    0.00    0.00   70.43  6436.82    0.59    0.15    1.20   -0.92    0.00    0.00    0.00    0.00   16.76    5.14
 285.    0.00    0.00   10.73  6333.97    0.57    0.15    1.25    3.02    0.00    0.00    0.00    0.00   16.72    6.50
 290.    0.00    0.00   19.98  6219.68    0.57    0.14    1.22    2.91    0.00    0.00    0.00    0.00   16.74    8.46
 295.    0.00    0.00   30.20  6159.69    0.58    0.14    1.21    0.27    0.00    0.00    0.00    0.00   16.72    8.30
 300.    0.00    0.00   40.70  6062.55    0.58    0.14    1.21   -0.69    0.00    0.00    0.00    0.00   16.73    7.61
 305.    0.00    0.00   50.93  5953.98    0.57    0.14    1.23   -0.01    0.00    0.00    0.00    0.00   16.82    4.83
 310.    0.00    0.00   60.20  5876.85    0.57    0.13    1.11   -0.69    0.00    0.00    0.00    0.00   16.83    5.80
 315.    0.00    0.00   70.44  5782.57    0.56    0.13    1.12   -0.87    0.00    0.00    0.00    0.00   16.90    3.57
 320.    0.00    0.00   10.73  5696.85    0.58    0.13    1.21    3.65    0.00    0.00    0.00    0.00   16.87    7.44
 325.    0.00    0.00   19.98  5602.57    0.56    0.13    1.19    2.63    0.00    0.00    0.00    0.00   16.91    5.34
 330.    0.00    0.00   30.22  5514.01    0.56    0.12    1.14   -0.52    0.00    0.00    0.00    0.00   16.91    7.00
 335.    0.00    0.00   40.71  5434.01    0.57    0.12    1.18    0.36    0.00    0.00    0.00    0.00   16.91    9.36
 340.    0.00    0.00   50.94  5319.73    0.57    0.12    1.18   -0.66    0.00    0.00    0.00    0.00   16.94    5.42
 345.    0.00    0.00   60.21  5245.45    0.57    0.12    1.21   -0.74    0.00    0.00    0.00    0.00   16.95    8.78
 350.    0.00    0.00   70.44  5131.17    0.56    0.12    1.13   -0.80    0.00    0.00    0.00    0.00   16.96   10.09
 355.    0.00    0.00   10.73  5068.32    0.57    0.11    1.11    3.77    0.00    0.00    0.00    0.00   17.02    5.45
 360.    0.00    0.00   19.99  4991.18    0.56    0.11    1.16    2.17    0.00    0.00    0.00    0.00   17.12    7.56
 365.    0.00    0.00   30.21  4899.75    0.56    0.11    1.16    1.31    0.00    0.00    0.00    0.00   17.11    6.52
 370.    0.00    0.00   40.71  4839.76    0.56    0.11    1.11   -0.63    0.00    0.00    0.00    0.00   17.11    4.05
 375.    0.00    0.00   50.94  4751.19    0.56    0.11    1.13   -0.64    0.00    0.00    0.00    0.00   17.09    4.71
 380.    0.00    0.00   60.20  4639.77    0.57    0.11    1.12   -0.87    0.00    0.00    0.00    0.00   17.12    7.66
 385.    0.00    0.00   70.43  4565.48    0.57    0.11    1.08   -0.73    0.00    0.00    0.00    0.00   17.19    6.14
 390.    0.00    0.00   10.73  4494.06    0.57    0.11    1.17    3.30    0.00    0.00    0.00    0.00   17.20    6.29
 395.    0.00    0.00   19.99  4399.78    0.57    0.11    1.10    2.06    0.00    0.00    0.00    0.00   17.18    5.96
 400.    0.00    0.00   30.21  4325.49    0.57    0.10    1.20    0.34    0.00    0.00    0.00    0.00   17.21    8.70
 405.    0.00    0.00   40.71  4268.35    0.57    0.10    1.13   -0.60    0.00    0.00    0.00    0.00   17.17    6.01
 410.    0.00    0.00   50.94  4159.79    0.56    0.10    1.11   -0.79    0.00    0.00    0.00    0.00   17.19    8.02
 415.    0.00    0.00   60.21  4079.79    0.57    0.10    1.06   -0.78    0.00    0.00    0.00    0.00   17.25    6.48
 420.    0.00    0.00   70.44  4014.08    0.56    0.10    1.13   -0.86    0.00    0.00    0.00    0.00   17.19    6.99
 425.    0.00    0.00   10.73  3922.66    0.57    0.10    1.14    3.92    0.00    0.00    0.00    0.00   17.20    6.81
 430.    0.00    0.00   19.98  3848.38    0.56    0.09    1.08    2.72    0.00    0.00    0.00    0.00   17.27    7.69
 435.    0.00    0.00   30.21  3796.95    0.55    0.09    1.12    0.26    0.00    0.00    0.00    0.00   17.34   10.51
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TIME      28        29        30      31         32       33       34       35       36       37       38       39       40       41
 440.     0.00      0.00     40.71  3731.24      0.58     0.09     1.07    -0.69     0.00     0.00     0.00     0.00    17.36     8.33
 445.     0.00      0.00     50.94  3625.53      0.57     0.09     1.02     0.16     0.00     0.00     0.00     0.00    17.42     7.15
 450.     0.00      0.00     60.21  3565.54      0.55     0.09     1.08    -0.55     0.00     0.00     0.00     0.00    17.44     3.82
 455.     0.00      0.00     70.43  3496.97      0.55     0.09     1.04    -0.68     0.00     0.00     0.00     0.00    17.45     7.23
 460.     0.00      0.00     10.73  3414.11      0.56     0.09     1.05     3.22     0.00     0.00     0.00     0.00    17.45     3.17
 465.     0.00      0.00     19.98  3365.54      0.56     0.08     1.04     2.47     0.00     0.00     0.00     0.00    17.46     5.68
 470.     0.00      0.00     30.21  3303.41      0.54     0.08     1.03    -0.33     0.00     0.00     0.00     0.00    17.54     4.16
 475.     0.00      0.00     40.70  3222.70      0.53     0.08     0.98     0.03     0.00     0.00     0.00     0.00    17.54     4.04
 480.     0.00      0.00     50.94  3182.70      0.52     0.09     1.01    -0.60     0.00     0.00     0.00     0.00    17.49     6.71
 485.     0.00      0.00     60.20  3122.70      0.53     0.09     0.94    -0.87     0.00     0.00     0.00     0.00    17.54     3.71
 490.     0.00      0.00     70.44  3042.70      0.52     0.08     0.94    -0.91     0.00     0.00     0.00     0.00    17.59     6.89
 495.     0.00      0.00     10.73  2971.28      0.52     0.08     0.98     3.10     0.00     0.00     0.00     0.00    17.71     6.57
 500.     0.00      0.00     19.99  2911.28      0.52     0.07     0.97     2.78     0.00     0.00     0.00     0.00    17.77     6.26
 505.     0.00      0.00     30.21  2862.71      0.50     0.07     0.97     0.13     0.00     0.00     0.00     0.00    17.61     6.81
 510.     0.00      0.00     40.70  2808.43      0.50     0.07     0.95    -0.58     0.00     0.00     0.00     0.00    17.75     4.67
 515.     0.00      0.00     50.94  2734.15      0.48     0.07     0.89    -0.57     0.00     0.00     0.00     0.00    17.80     7.93
 520.     0.00      0.00     60.20  2694.15      0.49     0.07     0.81    -0.58     0.00     0.00     0.00     0.00    17.85     6.34
 525.     0.00      0.00     70.43  2614.15      0.48     0.07     0.81    -0.78     0.00     0.00     0.00     0.00    17.91     5.00
 530.     0.00      0.00     10.73  2568.44      0.48     0.07     0.81     3.04     0.00     0.00     0.00     0.00    17.96     4.30
 535.     0.00      0.00     19.99  2537.01      0.47     0.06     0.85     2.11     0.00     0.00     0.00     0.00    18.00     6.20
 540.     0.00      0.00     30.21  2451.30      0.45     0.06     0.81     0.16     0.00     0.00     0.00     0.00    18.03     5.05
 545.     0.00      0.00     40.70  2397.02      0.45     0.06     0.86    -0.50     0.00     0.00     0.00     0.00    18.05     5.35
 550.     0.00      0.00     50.93  2351.31      0.45     0.06     0.75    -0.57     0.00     0.00     0.00     0.00    18.12     6.42
 555.     0.00      0.00     60.21  2271.31      0.45     0.06     0.82    -0.01     0.00     0.00     0.00     0.00    18.16     4.98
 560.     0.00      0.00     70.43  2234.17      0.45     0.06     0.76    -0.72     0.00     0.00     0.00     0.00    18.20     4.87
 565.     0.00      0.00     10.73  2159.89      0.44     0.06     0.75     2.92     0.00     0.00     0.00     0.00    18.23     4.56
 570.     0.00      0.00     19.98  2019.90      0.43     0.06     0.75     2.58     0.00     0.00     0.00     0.00    18.28     5.27
 575.     0.00      0.00     30.22  1979.90      0.44     0.05     0.71    -0.28     0.00     0.00     0.00     0.00    18.28     3.06
 580.     0.00      0.00     40.71  1934.19      0.43     0.05     0.70    -0.44     0.00     0.00     0.00     0.00    18.29     4.81
 585.     0.00      0.00     50.94  1802.77      0.42     0.05     0.68    -0.61     0.00     0.00     0.00     0.00    18.33     5.94
 590.     0.00      0.00     60.21  1788.48      0.41     0.05     0.71    -0.56     0.00     0.00     0.00     0.00    18.39     5.68
 595.     0.00      0.00     70.44  1765.63      0.42     0.05     0.70    -0.79     0.00     0.00     0.00     0.00    18.45     2.61
 600.     0.00      0.00     10.73  1682.77      0.40     0.05     0.78     3.06     0.00     0.00     0.00     0.00    18.49     4.08
 605.     0.00      0.00     19.99  1234.22      0.35     0.05     0.61     2.20     0.00     0.00     0.00     0.00    18.49     5.70
 610.     0.00      0.00     30.21  1345.65      0.35     0.04     0.60     0.96     0.00     0.00     0.00     0.00    18.53     1.30
 615.     0.00      0.00     40.71  1428.50      0.35     0.04     0.57    -0.64     0.00     0.00     0.00     0.00    18.67     2.39
 620.     0.00      0.00     50.93  1517.07      0.34     0.04     0.56    -0.77     0.00     0.00     0.00     0.00    18.91     3.38
 625.     0.00      0.00     60.20  1634.20      0.33     0.04     0.55    -0.59     0.00     0.00     0.00     0.00    19.08     2.43
 630.     0.00      0.00     70.43  1668.49      0.32     0.04     0.59    -0.62     0.00     0.00     0.00     0.00    19.14     1.65
 635.     0.00      0.00     10.73  1754.20      0.32     0.04     0.51     2.82     0.00     0.00     0.00     0.00    19.18     1.98
 640.     0.00      0.00     19.97  1842.76      0.31     0.04     0.52     1.50     0.00     0.00     0.00     0.00    19.23     4.83
 645.     0.00      0.00     30.21  1959.90      0.32     0.04     0.53     0.43     0.00     0.00     0.00     0.00    19.27     2.47
 650.     0.00      0.00     40.71  2014.18      0.30     0.04     0.47    -0.27     0.00     0.00     0.00     0.00    19.29     3.54
 655.     0.00      0.00     50.94  2088.47      0.31     0.03     0.49    -0.65     0.00     0.00     0.00     0.00    19.33     5.29
 660.     0.00      0.00     60.20  2237.03      0.30     0.03     0.44     0.33     0.00     0.00     0.00     0.00    19.34     2.36
 665.     0.00      0.00     70.43  2288.46      0.29     0.03     0.47    -0.77     0.00     0.00     0.00     0.00    19.40     1.61
 670.     0.00      0.00     10.73  2357.02      0.28     0.03     0.45     2.51     0.00     0.00     0.00     0.00    19.41     2.33
 675.     0.00      0.00     19.98  2471.30      0.27     0.03     0.42     1.54     0.00     0.00     0.00     0.00    19.45    -1.06
 680.     0.00      0.00     30.21  2505.59      0.28     0.03     0.43     0.35     0.00     0.00     0.00     0.00    19.46     0.09
 685.     0.00      0.00     40.71  2542.73      0.28     0.03     0.39    -0.32     0.00     0.00     0.00     0.00    19.45     2.29
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TIME        28        29        30       31         32        33        34        35        36        37        38        39        40        41
 690.      0.00      0.00     50.94   2622.73      0.28      0.03      0.39     -0.80      0.00      0.00      0.00      0.00     19.48      3.72
 695.      0.00      0.00     60.20   2694.15      0.27      0.03      0.39     -0.64      0.00      0.00      0.00      0.00     19.52      2.99
 700.      0.00      0.00     70.43   2688.44      0.27      0.03      0.40     -0.80      0.00      0.00      0.00      0.00     19.52      1.84
 705.      0.00      0.00     10.73   2748.43      0.26      0.03      0.40      2.38      0.00      0.00      0.00      0.00     19.55      2.62
 710.      0.00      0.00     19.97   2808.43      0.27      0.03      0.38      2.05      0.00      0.00      0.00      0.00     19.57      1.86
 715.      0.00      0.00     30.21   2825.57      0.26      0.03      0.38      0.75      0.00      0.00      0.00      0.00     19.57      4.02
 720.      0.00      0.00     40.71   2837.00      0.26      0.03      0.36      0.38      0.00      0.00      0.00      0.00     19.57      1.69
 725.      0.00      0.00     50.94   2879.85      0.26      0.03      0.34     -0.81      0.00      0.00      0.00      0.00     19.59      1.00
 730.      0.00      0.00     60.20   2891.28      0.25      0.03      0.33      0.13      0.00      0.00      0.00      0.00     19.60     -0.37
 735.      0.00      0.00     70.44   2879.85      0.25      0.03      0.38     -0.70      0.00      0.00      0.00      0.00     19.61      3.33
 740.      0.00      0.00     10.73   2862.71      0.25      0.03      0.36      2.30      0.00      0.00      0.00      0.00     19.61      2.28
 745.      0.00      0.00     19.98   2854.14      0.22      0.03      0.36      1.85      0.00      0.00      0.00      0.00     19.61      1.69
 750.      0.00      0.00     30.21   2839.86      0.21      0.03      0.38     -0.43      0.00      0.00      0.00      0.00     19.63      0.66
 755.      0.00      0.00     40.71   2828.43      0.21      0.03      0.36      0.22      0.00      0.00      0.00      0.00     19.64      0.71
 760.      0.00      0.00     50.94   2857.00      0.21      0.03      0.34     -0.58      0.00      0.00      0.00      0.00     19.65      3.22
 765.      0.00      0.00     60.20   2857.00      0.20      0.03      0.35     -0.72      0.00      0.00      0.00      0.00     19.68      1.56
 770.      0.00      0.00     70.43   2854.14      0.20      0.03      0.32     -0.72      0.00      0.00      0.00      0.00     19.68      0.61
 775.      0.00      0.00     10.73   2879.85      0.19      0.03      0.31      1.81      0.00      0.00      0.80      0.00     19.70     -1.29
 780.      0.00      0.00     19.99   2919.85      0.21      0.03      0.33      1.25      0.00      0.00      0.00      0.00     19.72      3.83
 785.      0.00      0.00     30.21   2917.00      0.19      0.03      0.34      0.04      0.00      0.00      0.00      0.00     19.75      0.68
 790.      0.00      0.00     40.70   2942.71      0.19      0.03      0.33     -0.36      0.00      0.00      0.00      0.00     19.79      1.00
 795.      0.00      0.00     50.94   2976.99      0.19      0.03      0.31      0.31      0.00      0.00      0.00      0.00     19.78      1.63
 800.      0.00      0.00     60.20   2985.56      0.19      0.03      0.31      0.27      0.00      0.00      0.00      0.00     19.80      0.13
 805.      0.00      0.00     70.43   2979.85      0.19      0.03      0.31     -0.63      0.00      0.00      0.00      0.00     19.81      0.37
 810.      0.00      0.00     10.73   3019.85      0.19      0.03      0.29      1.72      0.00      0.00      0.00      0.00     19.81      1.60
 815.      0.00      0.00     19.98   3005.56      0.19      0.03      0.28      1.38      0.00      0.00      0.00      0.00     19.81      2.16
 820.      0.00      0.00     30.22   2988.42      0.19      0.03      0.30     -0.44      0.00      0.00      0.00      0.00     19.82      0.95
 825.      0.00      0.00     40.71   2982.71      0.18      0.03      0.30      0.22      0.00      0.00      0.00      0.00     19.84      2.28
 830.      0.00      0.00     50.93   2971.28      0.18      0.03      0.27     -0.68      0.00      0.00      0.00      0.00     19.85      1.51
 835.      0.00      0.00     60.19   2882.71      0.19      0.02      0.28     -1.01      0.00      0.00      0.00      0.00     19.86      0.78
 840.      0.00      0.00     70.43   2771.29      0.18      0.02      0.28     -0.72      0.00      0.00      0.00      0.00     19.87      1.62
 845.      0.00      0.00     10.73   2194.17      0.18      0.02      0.29      1.75      0.00      0.00      0.00      0.00     19.87      0.82
 850.      0.00      0.00     19.99   2014.18      0.17      0.02      0.28      1.46      0.00      0.00      0.00      0.00     19.88      0.31
 855.      0.00      0.00     30.22   1951.33      0.17      0.02      0.28      0.29      0.00      0.00      0.00      0.00     19.89      1.83
 860.      0.00      0.00     40.71   1934.19      0.18      0.02      0.27     -0.41      0.00      0.00      0.00      0.00     19.88      2.30
 865.      0.00      0.00     50.94   1911.33      0.17      0.02      0.26     -0.55      0.00      0.00      0.00      0.00     19.88      1.88
 870.      0.00      0.00     60.21   1862.76      0.17      0.02      0.26     -0.83      0.00      0.00      0.00      0.00     19.91      1.15
 875.      0.00      0.00     70.43   1868.48      0.17      0.02      0.27     -0.58      0.00      0.00      0.00      0.00     19.93      0.95
 880.      0.00      0.00     10.73   1911.33      0.17      0.02      0.28      1.83      0.00      0.00      0.00      0.00     19.92      1.46
 885.      0.00      0.00     19.98   1842.76      0.17      0.02      0.26      1.27      0.00      0.00      0.00      0.00     19.95      0.51
 890.      0.00      0.00     30.22   1825.62      0.17      0.02      0.26      0.19      0.00      0.00      0.00      0.00     19.96      0.44
 895.      0.00      0.00     40.70   1831.34      0.17      0.02      0.26     -0.55      0.00      0.00      0.00      0.00     19.98      1.56
 900.      0.00      0.00     50.94   1794.20      0.17      0.02      0.26     -0.67      0.00      0.00      0.00      0.00     19.97      1.66
 905.      0.00      0.00     60.21   1728.48      0.17      0.02      0.27     -0.86      0.00      0.00      0.00      0.00     19.96      0.04
 910.      0.00      0.00     70.43   1737.05      0.16      0.02      0.25     -0.72      0.00      0.00      0.00      0.00     19.94      1.37
 915.      0.00      0.00     10.74   1694.20      0.16      0.02      0.24      1.60      0.00      0.00      0.00      0.00     19.94      1.52
 920.      0.00      0.00     19.98   1619.92      0.16      0.02      0.25      1.03      0.00      0.00      0.00      0.00     19.95      0.65
 925.      0.00      0.00     30.21   1634.20      0.17      0.02      0.26     -0.39      0.00      0.00      0.00      0.00     19.98      0.60
 930.      0.00      0.00     40.71   1605.63      0.15      0.02      0.24      0.13      0.00      0.00      0.00      0.00     19.99      2.45
 935.      0.00      0.00     50.93   1514.21      0.16      0.02      0.25      0.26      0.00      0.00      0.00      0.00     20.00      2.55
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TIME      28      29      30      31        32      33      34      35      36      37      38      39      40      41
 940.    0.00    0.00   60.20  1508.50    0.15    0.02    0.24   -0.99    0.00    0.00    0.00    0.00   20.03    2.34
 945.    0.00    0.00   70.43  1525.64    0.15    0.02    0.25   -0.67    0.00    0.00    0.00    0.00   20.04    0.30
 950.    0.00    0.00   10.73  1479.92    0.15    0.02    0.23    1.66    0.00    0.00    0.00    0.00   20.08    0.64
 955.    0.00    0.00   19.99  1422.79    0.15    0.02    0.23    1.31    0.00    0.00    0.00    0.00   20.06    0.08
 960.    0.00    0.00   30.21  1437.07    0.15    0.02    0.23    0.16    0.00    0.00    0.00    0.00   20.06    0.81
 965.    0.00    0.00   40.70  1391.36    0.15    0.02    0.24   -0.74    0.00    0.00    0.00    0.00   20.06    0.41
 970.    0.00    0.00   50.94  1314.22    0.14    0.02    0.23   -0.41    0.00    0.00    0.00    0.00   20.07    0.73
 975.    0.00    0.00   60.21  1351.36    0.14    0.02    0.24   -0.03    0.00    0.00    0.00    0.00   20.06    1.28
 980.    0.00    0.00   70.43  1331.36    0.15    0.02    0.23   -0.73    0.00    0.00    0.00    0.00   20.07   -0.47
 985.    0.00    0.00   10.73  1299.93    0.14    0.02    0.23    1.59    0.00    0.00    0.00    0.00   20.02    0.50
 990.    0.00    0.00   19.99  1297.08    0.14    0.02    0.23    1.06    0.00    0.00    0.00    0.00   20.03    0.49
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TIME        42        43        44        45        46        47        48
   0.     -0.04      0.17     -0.15      0.07      0.30      0.00      0.00
   0.     -0.02      0.20     -0.48      0.82      0.07      0.00      0.00
   0.      0.27     -0.22      0.03      0.46      0.29      0.00      0.00
   0.      0.14     -0.13     -0.28      0.32     -0.05      0.00      0.00
   0.      0.65     -0.35      0.04      0.68      0.10      0.00      0.00
   0.     -0.56      0.38      0.34      0.17     -0.21      0.00      0.00
   0.     -0.63      0.20      1.33     -0.92     -0.02      0.00      0.00
   0.      3.00     -1.29     -0.05      1.36     -0.22      0.00      0.00
   0.     -1.13      0.17     -0.40     -0.03      0.36      0.00      0.00
   0.     -1.57     -0.35      0.63     -0.24     -1.41      0.00      0.00
   0.     -0.60      2.61     -1.96     -1.72     -0.29      0.00      0.00
   0.      1.01     -1.09     -0.06     -0.55      0.71      0.00      0.00
   0.     -0.53     -0.29      1.03     -0.42      0.39      0.00      0.00
   5.      1.86     -0.22      0.42      0.00      1.04      0.00      5.00
  10.     -0.35      0.72     -0.49      1.13      1.27      0.00     10.00
  15.      4.95      0.94      0.36     -1.50     -0.44      0.02     15.00
  20.      0.57      1.52     -1.34      0.94      0.05      0.11     20.00
  25.      0.95     -0.28      1.69     -1.31      1.04      0.18     25.00
  30.      2.04     -0.80      0.98     -0.93      0.14      0.21     30.00
  35.      0.39     -0.11      0.36     -0.44      0.63      0.23     35.00
  40.      0.77      0.45     -0.04      0.76     -0.93      0.24     40.00
  45.      0.18      0.87      0.11      0.26      0.40      0.25     45.00
  50.      0.11      1.56     -0.32     -0.18      0.95      0.25     50.00
  55.      0.96      0.22      0.16     -0.71     -0.76      0.29     55.00
  60.      1.53     -0.23      0.37      0.40      0.68      0.31     60.00
  65.      2.46      0.29      0.31      0.33     -0.89      0.30     65.00
  70.      4.91      0.51     -0.80      1.43     -0.19      0.43     70.00
  75.      2.43      0.58     -0.08      0.95     -0.82      0.50     75.00
  80.      2.03      0.65      0.55     -0.85      0.81      0.71     80.00
  85.      2.57      1.40      0.58     -0.29      1.92      0.87     85.00
  90.      3.40      0.65      0.60      0.21      0.13      0.90     90.00
  95.      1.51      0.72      0.76     -0.53      1.88      1.17     95.00
 100.      3.64      1.00      1.60     -0.48     -1.70      1.35    100.00
 105.      3.21      1.55      0.40      0.13     -0.47      1.51    105.00
 110.      4.87      3.19     -0.23      1.21     -0.92      1.72    110.00
 115.      4.97      4.92     -0.16      0.92     -2.24      2.14    115.00
 120.      5.56      2.45     -0.09     -1.34     -1.02      2.50    120.00
 125.      4.83      5.59     -1.87      0.10      0.55      2.93    125.00
 130.      4.22      3.69      0.40     -1.08     -2.83      3.25    130.00
 135.      4.85      3.98      0.60     -0.74     -2.80      3.76    135.00
 140.      7.01      3.11     -2.16      1.11      0.53      4.33    140.00
 145.      7.85      5.87     -0.79      1.65      0.21      4.82    145.00
 150.      6.54      5.74     -2.42      0.93      0.73      5.26    150.00
 155.      5.11      3.40      0.08      0.57     -0.37      5.66    155.00
 160.      5.03      4.15      0.03     -1.56      0.47      5.77    160.00
 165.     11.42      3.64      1.48     -1.29      0.56      5.86    165.00
 170.      8.38      5.97     -1.90     -1.62     -0.85      5.90    170.00
 175.      8.76      2.14      1.15     -1.13      1.02      5.86    175.00
 180.      6.18      6.16     -1.93     -1.67      0.79      5.82    180.00
 185.      5.17      5.42     -1.33      1.64      1.37      5.94    185.00
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TIME       42      43      44      45      46       47      48
 190.     4.90    4.57   -3.50   -0.96    2.87     6.04   190.00
 195.     4.25    4.93   -1.30   -1.90    0.56     5.70   195.00
 200.     8.38    3.77   -1.05   -1.88    0.62     5.89   200.00
 205.     8.09    6.60   -0.97   -0.11   -2.14     6.07   205.00
 210.    11.04    3.87    0.14    1.40   -1.16     5.67   210.00
 215.     5.55    4.67   -0.03   -0.46   -0.27     5.66   215.00
 220.     7.50    7.46   -0.55    0.12   -0.50     5.58   220.00
 225.     7.35    5.38   -0.43    0.78   -3.12     5.53   225.00
 230.     9.00    4.75   -1.28   -1.53    0.26     5.54   230.00
 235.     7.94    6.14   -2.92    0.19    2.33     5.59   235.00
 240.     5.14    2.08   -0.89   -1.21   -0.93     5.48   240.00
 245.     8.60    5.16   -2.94    1.99   -0.24     5.42   245.00
 250.     6.93    2.94   -0.28   -1.46   -1.74     5.34   250.00
 255.     8.08    5.44   -0.26   -0.58   -0.31     5.25   255.00
 260.     9.61    3.37   -0.54    0.50   -0.05     5.13   260.00
 265.     9.08    4.27   -1.36   -1.97   -0.66     5.06   265.00
 270.     5.13    3.95   -1.26    2.34   -0.00     5.03   270.00
 275.     8.69    3.34   -1.38   -1.38    1.33     4.86   275.00
 280.     7.70    5.55   -1.52   -0.18   -1.60     4.90   280.00
 285.     7.46    5.26    0.79   -2.44    0.78     5.02   285.00
 290.     8.03    3.13    1.70   -0.24   -2.27     4.96   290.00
 295.     7.62    4.96   -2.62   -0.32    0.97     4.97   295.00
 300.     5.56    4.03   -1.69   -1.22    3.48     4.89   300.00
 305.     8.56    3.18    0.89   -1.03   -1.79     4.74   305.00
 310.     6.38    4.74   -0.84   -0.91    0.08     4.76   310.00
 315.     6.63    3.73   -0.69   -1.72   -0.61     4.68   315.00
 320.     8.08    4.28   -1.26    0.32   -0.60     4.79   320.00
 325.     8.21    5.79    0.49   -0.07   -0.29     4.70   325.00
 330.     7.90    3.85    0.05   -1.36   -1.18     4.78   330.00
 335.     5.42    4.54   -2.56    1.86    1.74     4.68   335.00
 340.     7.87    3.14    0.61    1.30   -1.09     4.60   340.00
 345.     5.32    5.11   -1.87    0.48    1.65     4.67   345.00
 350.     5.19    3.45   -0.61   -1.04   -1.31     4.49   350.00
 355.     5.20    4.45   -0.34   -0.70   -1.96     4.52   355.00
 360.     7.19    5.52   -1.66    1.72    1.33     4.26   360.00
 365.     6.93    4.18   -0.19   -1.25    0.44     4.45   365.00
 370.     7.16    4.68   -0.57   -1.71   -0.90     4.45   370.00
 375.     8.04    3.69   -1.07   -0.81    0.48     4.45   375.00
 380.     7.44    5.78   -0.11   -0.13   -2.19     4.44   380.00
 385.     7.43    3.81    0.35   -1.61   -1.72     4.36   385.00
 390.     4.90    3.92   -1.34   -0.11   -1.72     4.31   390.00
 395.     8.72    3.95   -0.20    0.55   -2.01     4.30   395.00
 400.     4.49    5.79    0.64   -0.64   -0.60     4.36   400.00
 405.     4.75    4.56   -0.49    0.20   -1.69     4.39   405.00
 410.     8.66    4.50    0.40   -0.74   -1.58     4.38   410.00
 415.     4.74    5.25   -1.98   -0.20    1.46     4.29   415.00
 420.     9.47    1.89   -1.69    0.78    0.39     4.34   420.00
 425.     6.86    3.74   -1.06   -0.02   -1.27     4.26   425.00
 430.     5.53    3.63    0.84   -1.17   -2.45     4.23   430.00
 435.     5.63    3.10   -1.01   -0.08    1.40     4.21   435.00
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TIME        42        43        44        45        46        47        48
 440.      6.68      4.16     -0.86     -1.19      0.71      4.15    440.00
 445.      6.95      3.05      0.77      0.96     -2.25      4.08    445.00
 450.      8.93      3.70     -1.30     -1.18      0.17      4.04    450.00
 455.      6.63      3.10     -1.20      0.61     -0.92      4.01    455.00
 460.      8.62      5.05     -0.11     -1.16     -1.45      4.06    460.00
 465.      7.82      4.96     -2.66      0.77      0.75      4.06    465.00
 470.      8.05      5.20     -0.91     -1.05     -0.54      3.89    470.00
 475.      8.45      6.21     -1.59      0.88     -1.00      3.99    475.00
 480.      6.95      3.55      0.17     -1.25      0.21      4.02    480.00
 485.      7.99      3,85     -0.90     -0.93     -1.02      3.91    485.00
 490.      7.88      3.04      0.43     -0.56     -0.09      3.80    490.00
 495.      4.44      5.59     -1.98     -0.16      0.62      3.68    495.00
 500.      7.67      5.06     -1.70      0.03      0.14      3.62    500.00
 505.      5.99      4.46     -0.29     -0.72      1.39      3.66    505.00
 510.      8.11      3.83      0.30     -0.94     -0.51      3.76    510.00
 515.      4.22      6.26     -1.44      1.77     -0.09      3.54    515.00
 520.      7.75      3.43     -0.79      1.52      1.85      3.59    520.00
 525.      6.65      3.90     -1.55     -0.79     -1.32      3.47    525.00
 530.      6.90      3.81     -0.38     -1.40     -1.47      3.36    530.00
 535.      6.63      3.14      0.03     -1.22     -1.22      3.33    535.00
 540.      7.85      2.58     -0.24      0.56      0.55      3.29    540.00
 545.      6.43      3.33     -0.52      0.11      0.27      3.31    545.00
 550.      4.11      5.08     -0.67     -1.66      1.98      3.08    550.00
 555.      6.71      4.32     -0.15     -1.14      1.95      3.19    555.00
 560.      6.12      2.75      0.61      0.16     -3.03      2.96    560.00
 565.      5.90      4.79     -1.21     -0.15     -0.76      3.09    565.00
 570.      4.83      3.68     -1.27     -1.57     -1.05      2.88    570.00
 575.      7.17      3.59     -1.45     -0.55     -0.00      3.09    575.00
 580.      5.37      3.05     -1.03     -0.57      0.52      2.97    580.00
 585.      4.88      3.97     -0.63     -0.27      0.13      2.87    585.00
 590.      5.99      3.44     -1.47     -0.37     -0.90      2.76    590.00
 595.      6.31      3.69     -0.78     -0.97      0.40      2.75    595.00
 600.      7.61      2.50      0.51     -0.39     -1.77      2.77    600.00
 605.      5.09      3.41     -0.02      0.30     -0.90      2.76    605.00
 610.      5.51      2.16     -1.03     -0.30     -2.88      2.65    610.00
 615.      4.25      4.05     -0.48     -0.23     -0.85      2.31    615.00
 620.      5.47      2.10      0.71      0.16     -1.32      2.11    620.00
 625.      4.93      2.83     -0.43      0.59     -1.57      1.90    625.00
 630.      5.41      2.77      0.46     -0.45      1.07      1.88    630.00
 635.      5.33      3.71     -0.38     -0.24     -0.11      1.81    635.00
 640.      3.65      2.71     -1.03      0.82     -1.18      1.84    640.00
 645.      5.19      1.75     -0.46     -0.28      0.44      1.73    645.00
 650.      5.22      1.59      1.22     -1.99      1.01      1.68    650.00
 655.      2.60      5.56     -1.10      0.62     -0.69      1.65    655.00
 660.      2.62      4.58     -2.06     -0.56      0.43      1.64    660.00
 665.      4.88      3.70     -2.93      0.78      0.39      1.50    665.00
 670.      4.51      2.89     -0.68     -0.59      2.39      1.55    670.00
 675.      6.58      2.10     -0.46     -1.48     -0.48      1.42    675.00
 680.      5.63      1.18      0.29     -0.48      0.81      1.49    680.00
 685.      2.62      3.92     -1.64      1.37     -0.09      1.50    685.00
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TIME        42       43       44       45       46        47       48
 690.     2.20     1.75     0.43    -0.92    -0.77      1.40   690.00
 695.     3.79     1.90     0.28    -0.39    -0.95      1.33   695.00
 700.     3.94     4.31    -2.29     0.77    -0.29      1.41   700.00
 705.     3.31     2.13    -0.47     0.66    -0.92      1.31   705.00
 710.     2.98     2.04    -0.31    -1.00     0.55      1.32   710.00
 715.     1.54     5.00    -1.20    -0.66    -1.05      1.33   715.00
 720.     4.51     1.13    -0.95     0.99     0.93      1.30   720.00
 725.     2.62     1.78    -1.86    -1.70    -0.86      1.29   725.00
 730.     3.94     1.59     0.58    -1.08     1.10      1.26   730.00
 735.     2.34     3.22    -1.20     0.58     0.43      1.31   735.00
 740.     3.30     2.68    -0.40    -0.45    -1.76      1.23   740.00
 745.     2.58     1.65     0.59    -0.06     1.05      1.25   745.00
 750.     4.72     2.36     0.40     0.35     0.50      1.22   750.00
 755.     3.85     1.84    -0.10    -1.60     2.34      1.22   755.00
 760.     1.75     3.59    -1.26     0.77     0.26      1.20   760.00
 765.     2.66     2.68    -0.66    -1.67    -2.63      1.16   765.00
 770.     3.50     2.80     0.26    -2.15    -0.21      1.14   770.00
 775.     4.57     2.73     0.20    -0.55    -1.16      1.14   775.00
 780.     3.19     1.63    -1.07     0.78    -2.32      1.08   780.00
 785.     3.72     1.84    -1.00     1.29    -0.54      1.07   785.00
 790.     2.75     2.33     0.26     0.51    -0.48      0.99   790.00
 795.     3.11     1.19    -0.24     0.65     0.98      1.04   795.00
 800.     4.98     1.50    -0.83     1.72    -1.22      1.01   800.00
 805.     3.78     2.25    -0.90    -1.61    -0.11      0.93   805.00
 810.     2.20     2.13    -1.78     0.68     2.36      0.99   810.00
 815.     3.20     2.31    -0.86     1.45    -0.11      0.98   815.00
 820.     2.89     2.16    -1.19     0.96     1.07      0.94   820.00
 825.     1.47     1.75    -0.14    -0.72     1.26      0.95   825.00
 830.     2.07     2.26    -0.60    -0.92    -1.37      0.94   830.00
 835.     4.43     0.54    -0.82     0.58    -1.83      0.95   835.00
 840.     4.52     2.62     0.01     0.08     0.43      0.90   840.00
 845.     3.21     1.79    -0.33    -1.28    -0.50      0.93   845.00
 850.     2.58     1.99    -1.02     1.86    -0.54      0.88   850.00
 855.     2.18     2.47     0.43    -0.75    -0.00      0.88   855.00
 860.     1.92     2.04     0.46     0.26     1.34      0.90   860.00
 865.     5.72     1.86    -0.51     0.66    -0.09      0.88   865.00
 870.     3.58    -0.39     1.47    -1.70     2.82      0.87   870.00
 875.     2.86     1.54    -0.35     0.42    -0.73      0.81   875.00
 880.     1.96     2.49    -0.50    -0.77     0.60      0.81   880.00
 885.     4.10     2.34    -1.60     1.32    -0.73      0.77   885.00
 890.     3.56     0.77    -1.06     1.51    -0.98      0.75   890.00
 895.     1.92     2.44    -0.72    -1.93     0.76      0.77   895.00
 900.     4.85     2.04     0.23    -0.42     0.52      0.79   900.00
 905.     4.83     0.09     0.12    -1.65     0.34      0.83   905.00
 910.     1.93     2.73    -1.81     1.17     1.71      0.81   910.00
 915.     2.31     2.49    -1.31     1.20    -0.22      0.80   915.00
 920.     1.05     3.05    -1.29     1.05     0.92      0.78   920.00
 925.     2.38     2.12    -0.43    -0.41     1.43      0.77   925.00
 930.     1.52     0.99     1.45    -0.78    -1.54      0.75   930.00
 935.     2.34     1.97    -0.26     0.13     0.89      0.70   935.00
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TIME        42       43       44       45       46       47      48
 940.     4.45     2.15     0.19    -0.79    -0.34     0.68  940.00
 945.     2.05     1.75    -0.08    -0.29     0.56     0.66  945.00
 950.     2.56     0.48     0.44    -0.84     0.31     0.62  950.00
 955.     5.02     1.90     0.04    -1.48     0.52     0.67  955.00
 960.     5.34     2.61    -1.50     1.61     1.26     0.65  960.00
 965.     5.58     2.04    -1.16     1.30    -2.08     0.66  965.00
 970.     2.85     0.84    -0.83    -1.60    -0.11     0.70  970.00
 975.     1.87     0.74     0.16    -0.56     0.02     0.65  975.00
 980.     3.46     0.65     0.51    -0.58     1.81     0.67  980.00
 985.     1.79     1.61     0.57    -0.17     1.71     0.74  985.00
 990.     3.28     0.07     0.51    -1.42     2.16     0.65  990.00
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  PRC7-W-4-1                                                                         PAGE     1

 TIME        0         1         2         3         4         5         6         7         8         9        10        11        12        13
   0.     21.38     20.07     20.13     20.32     21.05     19.77     18.60     22.38     22.55     22.38     22.10     21.63     20.95     20.63
   0.     21.30     19.90     20.35     20.63     20.30     19.13     18.52     22.42     22.52     22.40     22.05     21.60     21.05     20.63
   0.     20.27     20.45     20.40     20.80     21.00     19.42     18.60     22.45     22.55     22.32     22.07     21.63     21.02     20.63
   0.     20.15     19.75     20.20     20.70     19.97     19.75     18.45     22.40     22.52     22.42     22.07     21.55     21.05     20.65
   0.     20.95     20.35     19.67     20.47     19.82     18.77     18.57     22.42     22.52     22.45     22.10     21.57     21.00     20.63
   0.     21.55     19.97     19.75     20.38     19.67     19.07     18.60     22.42     22.57     22.45     22.07     21.55     21.07     20.67
   5.     22.27     20.95     20.65     20.47     19.55     20.67     19.10     26.67     28.95     26.55     24.85     22.22     21.70     21.52
  10.     39.15     26.17     21.60     20.80     20.65     20.70     18.85     34.51     47.58     37.27     35.22     33.98     34.07     31.68
  15.     53.15     38.56     22.80     20.52     20.13     20.72     19.32     39.56     55.32     46.78     45.27     45.66     45.44     45.76
  20.     61.26     54.49     21.07     20.25     19.50     21.38     18.88     44.02     63.88     54.95     55.22     53.83     52.29     51.00
  25.     73.56     58.54     21.10     20.40     19.38     20.97     19.72     51.15     76.85     66.14     63.57     62.26     62.19     63.17
  30.     79.48     72.05     22.05     20.63     19.60     21.15     19.85     56.54     86.21     79.67     76.51     76.63     77.85     76.19
  35.     92.21     78.38     21.77     20.65     20.97     20.97     19.35     62.93    106.73     95.09     95.40     95.07     89.19     85.40
  40.    106.80     66.93     21.90     20.67     20.65     20.55     19.38     73.07    121.15    114.39    108.66    107.24    107.41    102.05
  45.    124.85     58.00     22.55     20.77     19.67     20.77     18.70     82.50    149.45    141.92    139.47    128.22    127.39    124.73
  50.    158.17    108.27     24.02     21.05     19.82     20.72     18.90    103.00    184.35    170.52    166.92    159.15    155.35    146.55
  55.    190.60    158.97     25.75     21.52     20.20     21.05     18.85    114.10    214.35    203.93    202.72    193.70    186.45    178.72
  60.    223.47    119.15     25.85     22.05     19.95     21.60     18.80    141.77    236.19    230.29    231.76    229.19    216.72    191.37
  65.    237.49    140.52     26.38     21.88     19.75     21.52     19.67    148.60    277.39    257.73    254.44    243.51    231.07    226.20
  70.    261.85    157.35     27.92     22.52     20.45     21.92     19.35    161.72    285.37    280.88    273.00    265.71    260.29    250.22
  75.    280.93    243.78     29.63     23.07     20.65     22.05     18.95    175.67    306.12    305.61    302.29    293.38    273.76    261.10
  80.    292.38    202.27     33.05     23.92     20.90     22.35     19.45    184.72    312.74    312.45    314.19    311.90    296.58    274.88
  85.    313.14    189.38     35.56     24.63     21.57     24.32     19.95    199.55    330.24    327.88    315.93    312.34    305.12    282.37
  90.    323.07    222.50     38.39     25.45     21.85     23.77     19.57    216.22    352.76    352.71    354.98    353.09    345.54    317.09
  95.    346.29    183.15     38.73     26.17     21.22     25.40     19.72    231.75    364.58    363.02    369.40    365.12    346.88    313.86
 100.    356.52    225.75     42.02     27.22     21.88     25.15     20.52    238.80    388.33    387.88    384.38    368.42    369.93    346.24
 105.    369.59    256.15     48.78     27.75     21.85     25.85     20.25    255.37    404.20    395.64    386.31    364.63    357.17    363.90
 110.    382.17    313.29     40.78     28.22     20.95     25.77     19.92    267.39    403.63    406.74    398.98    388.81    366.39    358.76
 115.    364.70    202.92     34.15     28.35     23.75     26.57     20.17    275.76    433.17    404.56    405.51    405.67    393.71    366.19
 120.    369.93    294.51     62.12     28.47     22.42     26.25     19.63    276.98    406.70    402.84    401.09    405.95    391.40    366.93
 125.    370.93    321.05     73.63     28.77     23.22     26.27     20.47    285.78    423.98    409.42    406.31    402.12    393.12    362.51
 130.    387.62    290.27     46.93     29.42     25.45     26.95     20.57    289.37    407.35    427.86    408.58    406.77    408.90    390.45
 135.    390.24    263.07     49.95     29.07     26.22     27.07     20.82    294.88    429.86    422.71    421.67    421.14    404.86    408.57
 140.    397.38    270.61     55.24     29.80     22.22     28.90     20.55    302.39    440.07    437.83    432.14    407.42    402.55    381.02
 145.    384.17    290.88     46.32     31.00     22.00     27.02     21.00    303.88    423.14    421.36    405.40    407.24    406.88    396.76
 150.    371.42    264.71     48.12     30.54     25.30     28.05     20.57    316.88    431.79    426.67    409.67    427.29    407.44    401.98
 155.    402.86    313.39     65.40     30.90     25.00     28.67     19.67    316.69    433.07    426.81    406.93    402.16    403.39    405.71
 160.    369.79    345.27     65.02     31.07     25.35     28.90     21.02    318.50    438.78    431.40    422.40    401.53    405.46    403.44
 165.    390.95    309.80     63.31     31.32     27.70     28.22     21.65    326.71    432.55    433.81    426.45    427.98    421.67    402.98
 170.    382.55    365.28     69.80     30.07     22.57     29.57     22.65    325.69    432.78    434.78    428.78    408.02    405.79    403.14
 175.    393.81    346.19     77.79     30.68     23.70     29.70     21.20    323.08    435.05    431.26    410.65    402.56    390.43    387.31
 180.    399.52    290.80     57.61     31.39     24.95     28.88     20.92    330.07    430.38    434.69    422.29    407.88    406.26    400.64
 185.    385.95    345.67     76.90     30.73     27.70     29,52     20.90    328.59    436.26    428.86    422.76    406.23    402.67    403.59
 190.    384.05    307.83     59.93     30.88     23.27     29.57     20.87    339.78    439.71    434.14    426.02    409.14    407.69    387.48
 195.    390.00    358.36    143.35     31.66     24.65     29.72     20.63    343.34    435.81    434.83    429.36    423.24    409.70    405.23
 200.    387.38    295.39     59.10     31.90     24.20     29.80     20.67    345.76    433.02    435.43    427.12    428.05    422.09    409.67
 205.    392.62    293.05     58.19     32.98     31.00     29.90     20.60    343.58    453.02    433.88    432.52    429.83    404.39    406.00
 210.    393.81    344.98     78.38     33.29     35.17     29.32     20.67    340.81    431.30    433.21    430.02    430.36    409.95    398.19
 215.    390.24    344.90     81.02     32.93     25.92     29.78     20.90    346.71    430.36    432.33    432.17    429.17    434.76    434.88
 220.    391.19    329.38     93.74     32.15     23.63     30.51     20.87    344.31    438.07    432.38    429.50    423.24    408.77    401.70
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TIME       0        1        2        3        4        5        6        7        8        9       10       11       12       13
 225.   394.76   348.12    65.90    32.66    22.82    30.02    20.55   342.71   436.14   433.29   429.38   421.36   409.02   403.39
 230.   381.55   358.76    88.67    32.73    24.52    30.39    21.25   347.80   434.69   438.83   434.52   430.50   427.19   408.46
 235.   390.71   324.76    73.29    33.44    27.45    30.19    21.10   342.12   431.09   429.88   427.17   426.14   425.31   428.17
 240.   384.52   340.66    67.43    33.22    22.57    30.61    21.42   343.59   435.50   436.80   433.29   426.45   403.60   407.45
 245.   385.00   313.40   145.92    33.58    26.00    30.44    21.42   342.76   432.33   430.98   429.90   403.14   493.67   405.98
 250.   385.00   344.50   112.54    34.34    30.41    32.22    22.15   342.31   430.21   423.24   409.30   409.44   402.23   400.26
 255.   383.52   343.12   103.41    34.32    25.15    31.05    20.57   340.26   427.26   433.83   427.95   406.46   402.35   405.48
 260.   381.17   354.79   101.22    35.68    34.29    30.80    21.00   347.12   423.83   408.77   406.74   403.32   401.42   404.58
 265.   381.12   293.50   144.20    33.46    28.20    32.12    21.40   340.81   424.81   424.78   407.84   404.23   406.76   395.90
 270.   388.09   351.14    62.36    34.41    24.95    32.22    21.00   342.50   426.59   409.19   407.02   405.79   421.19   432.43
 275.   370.09   359.40    97.00    33.22    23.42    33.34    20.32   343.88   426.12   426.48   424.69   423.98   408.00   388.76
 280.   369.81   327.52    74.83    34.15    25.10    32.49    20.95   345.19   423.19   421.02   409.05   407.02   409.60   402.58
 285.   369.42   353.79    71.66    34.83    24.13    32.41    21.45   342.38   410.58   404.72   407.40   401.55   393.31   383.90
 290.   370.07   302.58    81.93    33.34    25.47    30.41    21.32   344.67   420.74   406.28   406.72   408.98   407.52   380.59
 295.   368.77   322.83   102.88    32.90    25.88    32.10    21.22   345.50   422.21   424.14   420.76   406.30   409.95   393.55
 300.   363.02   316.95    85.64    34.76    28.60    33.27    20.97   342.36   403.05   404.51   403.12   404.00   409.43   398.26
 305.   369.14   329.88    67.52    34.02    32.37    31.34    21.00   343.71   408.21   401.95   401.42   404.50   395.33   371.23
 310.   362.53   311.52    59.05    33.83    25.65    32.00    20.65   342.86   405.28   410.00   404.69   402.02   391.40   364.74
 315.   368.26   309.29   117.00    34.24    24.63    32.93    21.25   342.83   405.74   404.74   406.19   403.39   401.02   364.36
 320.   365.69   314.17    92.36    32.39    24.13    32.56    20.72   342.62   420.83   405.77   403.74   401.32   399.90   386.50
 325.   369.09   286.22    78.83    33.32    24.10    33.00    21.15   341.40   406.16   401.88   405.14   398.07   391.05   387.00
 330.   361.86   329.02   144.47    33.12    24.75    32.12    22.27   347.80   401.49   403.38   396.98   397.78   393.83   390.93
 335.   369.81   324.69    79.52    33.29    27.38    32.05    21.13   340.71   406.02   399.05   394.76   383.19   369.74   367.48
 340.   365.95   260.19    96.62    33.85    32.44    32.34    20.97   343.09   402.12   403.17   401.17   393.88   383.62   367.44
 345.   359.88   342.44    86.07    33.83    26.38    34.56    21.63   340.64   406.93   407.07   406.57   402.00   398.62   391.05
 350.   363.93   328.76    62.45    32.71    23.80    32.90    20.52   347.83   407.23   409.33   404.21   397.69   384.02   365.37
 355.   353.62   322.76   118.68    32.73    29.25    34.24    20.70   340.83   404.32   402.62   401.00   398.12   394.33   368.88
 360.   361.71   285.80    75.61    33.19    25.80    31.61    21.67   340.50   403.98   404.29   400.26   394.57   386.02   365.58
 365.   369.48   311.73    84.43    33.71    32.85    29.63    20.77   347.39   405.31   403.36   403.21   396.57   385.06   363.49
 370.   367.55   282.34    63.76    34.54    22.82    33.22    21.52   347.78   409.31   404.86   401.74   397.43   371.07   365.69
 375.   366.02   309.93    63.17    33.73    23.87    33.07    20.80   347.24   400.55   399.48   398.17   394.57   380.81   366.35
 380.   360.09   312.24    72.78    32.54    28.10    32.24    20.50   340.45   396.38   394.67   391.40   389.07   385.76   369.79
 385.   356.14   310.88   102.24    32.78    32.39    30.68    21.35   344.10   397.81   393.33   391.00   388.71   383.71   368.74
 390.   348.81   311.83    71.73    33.12    33.61    30.22    21.10   343.85   403.74   398.14   395.64   382.93   368.88   364.88
 395.   357.90   290.12   141.82    33.41    28.02    32.98    20.85   345.54   404.76   394.67   390.14   388.19   370.81   361.93
 400.   352.33   310.80    82.31    33.68    31.17    32.44    20.80   345.15   493.26   398.07   394.67   391.95   386.57   368.21
 405.   347.29   241.39    77.90    33.90    26.13    31.41    20.50   342.46   399.74   391.14   392.31   388.79   381.98   369.98
 410.   353.55   292.15    64.98    34.66    25.80    33.00    21.15   342.41   397.05   400.12   395.86   388.17   370.98   363.09
 415.   346.90   289.12    84.05    34.34    24.57    34.71    21.07   341.12   386.52   371.26   382.24   367.21   361.84   350.45
 420.   345.33   292.05    60.33    33.73    28.60    35.54    22.10   338.88   394.17   390.81   385.12   380.95   367.05   367.43
 425.   348.02   324.31    83.21    33.78    30.05    34.10    20.95   339.19   386.81   384.45   385.76   384.52   383.19   366.65
 430.   349.19   292.71    74.76    33.93    29.32    32.93    20.72   329.93   388.24   386.24   366.16   364.67   361.93   362.31
 435.   349.74   291.88    66.93    33.83    31.58    32.66    20.77   327.79   386.40   382.67   371.09   367.26   364.02   361.09
 440.   344.90   289.63    88.71    33.63    31.56    33.34    20.32   327.59   384.26   366.56   367.23   363.09   367.07   356.43
 445.   341.45   297.27    72.44    33.56    23.40    34.49    21.38   323.76   380.64   362.46   361.84   360.90   352.19   345.55
 450.   327.81   291.51    83.19    34.49    25.82    33.76    20.52   319.14   367.40   365.83   364.59   357.79   350.76   344.54
 455.   326.69   285.80   128.34    32.61    30.63    32.05    21.25   317.71   361.84   362.57   360.71   357.88   345.24   342.10
 460.   339.63   309.27    87.05    31.89    25.90    32.93    22.02   314.83   366.12   359.36   360.67   355.52   347.71   344.73
 465.   326.57   313.49   104.39    32.32    26.97    32.39    21.02   312.71   362.40   358.98   355.86   350.24   347.85   344.90
 470.   319.29   269.39    62.83    32.12    25.70    32.49    20.82   317.44   356.43   352.31   353.21   349.40   342.98   328.74
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TIME	0	1	2	3	4	5	6	7	8	9	10	11	12	13
475.	319.81	237.05	78.33	31.37	27.92	30.61	21.07	313.78	346.55	347.12	345.40	341.33	341.38	324.33
480.	315.21	242.37	80.67	31.27	23.67	31.73	20.22	310.66	347.50	345.17	345.78	343.93	341.41	345.10
485.	311.45	264.00	76.49	31.49	23.42	32.90	20.32	308.00	343.88	342.40	345.81	344.39	328.00	319.96
490.	316.76	276.63	72.63	32.29	28.65	32.24	20.15	307.07	343.67	346.24	344.19	342.29	329.90	317.00
495.	314.39	251.66	94.71	31.80	29.15	28.00	21.70	303.00	346.27	340.83	329.38	323.19	323.69	320.29
500.	311.56	293.15	113.85	31.32	30.07	31.85	21.50	294.26	339.46	326.26	326.38	322.29	316.21	308.44
505.	309.44	262.32	92.45	31.39	28.37	31.78	20.50	291.81	339.15	328.26	328.57	324.59	321.52	321.90
510.	296.15	283.46	63.83	31.39	29.35	29.71	20.50	297.32	321.48	317.02	318.36	313.45	316.78	311.05
515.	297.58	238.85	88.95	31.66	32.46	32.58	20.32	296.68	318.48	315.02	313.36	314.31	316.71	302.54
520.	290.17	237.12	89.52	31.22	23.90	30.27	20.27	293.07	316.44	309.44	311.66	303.12	292.00	289.34
525.	270.63	217.72	76.05	40.15	21.05	30.71	20.20	288.29	308.90	294.07	292.83	291.83	293.95	292.37
530.	264.32	228.51	100.12	33.00	29.78	30.58	19.63	286.12	307.34	288.61	285.73	294.98	297.71	302.05
535.	283.98	263.78	61.38	30.32	23.87	31.19	20.13	282.19	293.52	287.71	286.07	285.98	286.95	287.73
540.	266.17	200.07	120.61	34.05	25.88	31.39	19.72	280.29	295.24	286.85	282.54	283.61	288.05	294.41
545.	266.22	204.37	77.93	30.66	21.10	31.80	19.97	278.05	286.39	282.39	287.29	279.71	264.61	273.76
550.	253.29	207.19	51.46	33.88	29.85	31.51	19.77	271.85	280.49	272.85	275.24	283.39	286.80	286.22
555.	259.02	226.85	85.24	30.76	21.92	30.98	19.85	268.00	277.41	267.68	265.78	267.29	269.17	275.56
560.	253.73	204.95	62.19	29.68	23.45	30.61	20.92	264.85	272.37	270.27	269.58	267.27	269.22	273.34
565.	245.24	204.71	54.12	29.95	24.47	30.56	20.42	262.39	265.56	260.00	262.02	250.90	244.54	257.39
570.	245.07	214.35	84.05	30.66	22.40	30.83	22.22	260.37	262.66	257.63	255.90	258.05	259.03	260.63
575.	242.63	218.05	75.44	29.93	27.55	29.45	21.65	256.78	261.93	249.24	249.51	250.22	253.80	249.78
580.	240.05	195.55	54.17	29.20	30.02	24.80	21.00	251.98	255.95	252.98	251.05	250.37	247.24	249.58
585.	239.95	231.54	69.63	29.47	26.27	29.15	20.05	249.90	256.51	253.27	251.24	251.29	250.71	246.56
590.	238.76	216.75	79.38	29.35	23.92	28.13	19.88	247.61	253.83	253.10	254.44	251.85	249.07	239.54
595.	234.68	224.47	67.55	29.13	24.82	30.29	20.85	245.41	252.41	245.80	244.00	242.05	236.12	237.83
600.	233.63	217.17	48.93	31.17	23.00	29.56	21.35	242.54	243.15	239.66	240.54	240.19	237.80	239.54
605.	228.65	180.70	66.07	29.71	28.35	30.19	19.80	240.29	241.29	239.44	238.76	235.27	230.76	232.05
610.	228.22	194.38	43.85	29.67	23.35	29.10	20.10	238.05	237.00	234.44	234.83	232.44	229.10	228.51
615.	220.70	202.42	66.38	28.95	23.05	29.49	19.85	237.39	237.98	234.78	232.93	232.00	230.49	230.15
620.	226.00	190.38	76.12	28.82	21.92	29.80	20.05	234.56	236.56	236.34	232.66	233.17	230.41	227.93
625.	220.07	184.63	60.98	29.78	25.15	29.46	20.02	232.73	231.58	228.00	232.42	229.67	223.42	218.90
630.	217.60	156.00	52.22	29.60	27.32	30.39	19.90	230.83	230.95	233.42	232.12	229.88	225.55	217.60
635.	214.20	172.88	61.98	28.90	22.50	30.00	22.00	228.24	231.05	230.17	228.90	225.95	221.27	207.63
640.	207.22	156.70	70.34	29.65	22.65	30.22	20.32	231.13	215.88	219.95	226.10	221.07	217.80	221.02
645.	202.07	185.90	59.19	29.56	22.08	29.34	20.35	229.17	219.38	221.20	218.30	217.52	216.07	200.71
650.	200.95	170.45	65.31	28.22	23.00	29.93	19.65	227.97	215.67	213.75	214.13	214.97	202.39	200.44
655.	200.83	194.27	60.50	29.17	24.60	30.19	19.57	225.55	202.32	200.93	203.58	206.05	202.27	202.00
660.	189.62	136.92	58.41	27.92	23.97	30.78	19.92	221.70	201.17	199.54	203.58	202.19	199.60	192.95
665.	190.42	155.07	72.68	29.02	21.90	26.35	20.60	219.27	196.07	200.55	202.30	200.72	194.52	193.82
670.	186.60	148.32	67.31	30.95	23.35	28.17	20.42	218.07	196.90	194.65	197.30	197.57	195.38	197.17
675.	185.50	158.55	41.41	29.02	28.42	28.25	19.82	217.88	200.15	196.90	197.57	195.90	191.57	187.88
680.	185.35	123.17	33.68	29.95	27.38	[illegible]	20.02	217.05	194.42	194.72	197.55	[illegible]	195.15	193.40
685.	192.47	121.27	48.95	29.55	25.10	29.65	20.40	215.95	195.40	192.35	194.55	192.70	187.55	183.70
690.	180.80	127.98	56.49	27.30	25.02	29.17	19.97	215.82	193.12	190.30	184.82	184.47	183.85	184.07
695.	175.02	152.35	48.10	27.12	28.02	29.65	21.97	207.15	182.50	173.97	174.85	180.87	178.32	181.52
700.	178.49	118.24	57.76	28.37	27.30	29.47	20.15	203.95	181.52	182.32	183.22	184.65	179.35	177.10
705.	178.32	154.72	55.07	27.75	22.60	27.22	19.67	203.19	175.20	173.67	180.00	178.55	175.27	170.75
710.	171.57	145.17	64.79	26.90	22.72	27.45	19.63	202.83	178.00	175.87	176.45	177.17	173.27	168.22
715.	166.22	147.63	44.12	26.77	26.92	28.37	19.88	202.24	175.40	173.22	176.07	176.40	169.55	167.72
720.	165.17	137.07	44.12	35.00	24.52	28.00	19.63	201.27	177.00	174.55	177.02	176.50	169.72	169.10

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TIME        0        1        2        3        4        5        6        7        8        9       10       11       12       13
 725.   167.38   142.17    42.58    29.20    27.35    28.00    19.80   201.00   179.40   172.15   174.30   177.05   173.02   172.52
 730.   169.17   116.07    44.76    27.40    23.42    27.22    19.95   200.63   180.25   176.85   176.10   175.47   171.65   159.25
 735.   160.17    86.02    34.98    27.17    21.67    26.15    19.97   200.22   173.40   167.17   169.40   169.50   163.05   158.02
 740.   161.60   119.39    58.98    26.52    25.32    25.55    19.65   199.66   176.80   172.02   167.88   166.67   161.20   154.07
 745.   160.80   118.27    64.62    25.45    22.75    29.05    19.77   199.73   170.92   168.13   166.67   166.15   159.25   152.72
 750.   151.27   117.34    50.90    27.27    29.50    28.20    19.92   199.37   174.55   162.90   161.95   161.90   158.30   156.88
 755.   151.85   116.56    52.41    30.12    28.10    27.95    19.72   198.54   171.72   159.80   158.65   162.82   152.38   142.92
 760.   154.42    92.71    39.02    27.20    24.67    25.42    20.00   202.47   174.37   161.38   158.07   159.88   149.05   140.02
 765.   150.10   120.51    55.63    26.42    24.95    27.32    19.90   201.80   165.32   156.00   152.95   152.30   147.82   144.47
 770.   147.82   106.76    61.67    26.72    23.95    26.77    19.85   201.17   166.90   156.35   153.45   153.57   147.77   144.85
 775.   142.52    93.76    42.27    26.77    24.00    26.72    19.55   199.52   161.67   155.90   152.60   153.85   147.30   145.47
 780.   150.40    91.62    43.54    26.57    24.20    25.75    20.25   198.35   157.30   153.40   152.95   152.60   150.02   142.10
 785.   146.17    87.69    59.81    28.10    25.47    26.75    20.45   197.67   162.52   156.47   155.85   154.90   152.40   147.22
 790.   140.40   102.17    53.29    28.60    22.50    28.22    20.07   197.32   159.00   155.27   158.02   154.50   149.02   146.22
 795.   147.35    91.59    45.80    29.30    24.80    26.57    20.92   196.85   162.52   152.38   152.67   156.20   146.92   139.20
 800.   125.76    82.19    42.49    27.40    22.32    28.22    20.30   195.52   169.17   149.82   149.52   151.22   139.32   135.02
 805.   148.45   107.76    55.32    26.55    23.87    24.20    20.05   194.92   160.80   151.57   146.52   145.65   140.07   138.15
 810.   136.05    87.59    56.85    27.72    26.35    24.47    20.05   193.87   159.22   149.17   146.57   146.17   140.92   137.00
 815.   142.80    93.52    51.93    35.51    29.85    25.15    20.22   193.45   162.77   145.63   143.75   142.12   135.72   134.42
 820.   126.58    76.12    33.80    28.67    27.88    24.45    20.27   192.75   160.45   145.50   141.15   138.95   126.22   136.52
 825.   136.88    76.80    46.34    31.58    27.88    22.20    20.47   191.57   159.38   150.17   145.60   140.17   134.85   127.54
 830.   118.78   102.39    53.15    30.19    26.07    23.92    20.10   190.92   154.77   145.17   140.40   138.88   134.57   135.17
 835.   136.42   102.34    42.83    28.27    27.12    25.35    20.05   190.17   163.37   143.12   139.38   137.55   128.51   122.73
 840.   125.07    92.00    56.93    29.20    26.22    25.27    20.40   189.80   163.42   143.07   136.95   134.77   128.95   128.58
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PRC7-W-4-1                                                                        PAGE     5

TIME       14        15        16        17        18        19        20        21        22        23        24        25        26        27
   0.    20.30     20.17     20.25     20.07     19.97     19.97     19.77     19.82     19.72     20.57     22.30      0.00      0.00      0.00
   0.    20.32     20.20     20.17     20.17     19.92     19.97     19.70     19.72     19.70     20.47     22.27      0.00      0.00      0.00
   0.    20.32     20.17     20.15     20.15     19.85     19.92     19.70     19.80     19.63     20.47     22.25      0.00      0.00      0.00
   0.    20.32     20.20     20.27     20.15     19.62     20.02     19.72     19.82     19.65     20.50     22.25      0.00      0.00      0.00
   0.    20.42     20.22     20.22     20.22     19.80     19.90     19.77     19.90     19.70     20.55     22.32      0.00      0.00      0.00
   0.    20.45     20.17     20.22     20.17     19.90     19.97     19.77     19.90     19.70     20.50     22.32      0.00      0.00      0.00
   5.    21.22     20.92     20.70     20.55     20.25     20.45     20.02     20.00     19.72     20.87     23.87      0.00      0.00      0.00
  10.    29.93     30.93     30.12     27.10     21.15     20.87     20.13     20.22     19.88     21.20     26.85      0.00      0.00      0.00
  15.    41.58     33.51     25.47     23.75     21.02     21.07     20.17     20.40     20.05     21.63     29.92      0.00      0.00      0.00
  20.    51.83     44.88     31.66     24.42     21.05     20.95     20.07     20.17     19.95     21.92     33.17      0.00      0.00      0.00
  25.    50.00     42.73     29.57     24.80     21.95     21.47     20.40     20.55     20.25     22.60     35.93      0.00      0.00      0.00
  30.    63.29     43.02     29.37     24.32     21.77     21.88     20.42     20.80     20.40     23.47     40.49      0.00      0.00      0.00
  35.    83.50     43.95     29.82     25.47     22.57     22.60     20.72     21.05     20.65     24.80     44.95      0.00      0.00      0.00
  40.    97.33     58.46     31.10     25.88     23.37     24.02     21.45     21.60     21.10     26.50     52.07      0.00      0.00      0.00
  45.   114.71     78.36     34.37     26.50     23.70     24.80     22.10     22.55     21.77     29.10     58.57      0.00      0.00      0.00
  50.   148.05     71.95     36.05     29.22     26.32     27.38     23.57     23.63     22.60     31.90     67.30      0.00      0.00      0.00
  55.   174.85    116.17     41.12     32.88     27.63     29.22     24.07     25.10     23.55     36.88     78.86      0.00      0.00      0.00
  60.   173.63    134.20     46.41     33.83     29.37     31.10     24.77     26.80     25.50     43.34     94.93      0.00      0.00      0.00
  65.   216.60    150.12     48.54     36.15     30.17     33.24     26.40     28.08     27.27     49.15    107.50      0.00      0.00      0.00
  70.   234.24    157.52     53.34     42.90     32.78     36.22     27.85     30.32     28.65     56.51    118.41      0.00      0.00      0.00
  75.   248.85    181.97     71.34     49.34     36.17     39.49     29.15     33.34     30.07     59.59    137.30      0.00      0.00      0.00
  80.   245.12    186.17     70.51     55.68     41.85     43.24     31.02     34.49     32.00     67.02    149.70      0.00      0.00      0.00
  85.   253.76    223.15    108.73     59.33     45.56     47.41     35.41     39.71     35.27     79.19    163.22      0.00      0.00      0.00
  90.   276.19    229.80     94.93     73.19     46.27     58.49     36.02     39.83     35.00     90.95    177.10      0.00      0.00      0.00
  95.   301.54    238.44    143.52     83.29     56.80     57.07     41.19     45.95     37.93    106.93    193.97      0.00      0.00      0.00
 100.   304.95    243.12    170.27     91.86     64.95     70.05     44.05     45.24     40.93    123.58    205.60      0.00      0.00      0.00
 105.   325.93    283.17    192.32    100.22     66.24     66.48     46.58     51.17     43.61    141.07    225.57      0.00      0.00      0.00
 110.   328.12    285.63    183.15    102.39     65.26     63.36     45.58     53.71     40.17    146.32    231.19      0.00      0.00      0.00
 115.   325.88    286.46    189.47    110.02     60.02     69.85     44.98     49.07     41.00    149.02    238.49      0.00      0.00      0.00
 120.   340.50    294.05    158.27    104.73     65.50     75.90     54.00     58.83     47.50    146.67    249.85      0.00      0.00      0.00
 125.   342.50    277.54    171.75    114.29     79.52     82.24     53.15     60.40     47.22    158.50    252.17      0.00      0.00      0.00
 130.   359.93    290.83    164.30    115.54     79.12     79.98     58.80     64.21     48.66    164.42    259.44      0.00      0.00      0.00
 135.   360.74    292.15    180.62    109.15     80.62     84.33     61.81     58.17     50.56    172.70    263.63      0.00      0.00      0.00
 140.   346.98    290.78    225.00    113.37     79.79     81.21     61.55     61.14     51.98    171.02    272.90      0.00      0.00      0.00
 145.   362.48    306.05    180.13    116.56     76.66     79.21     58.19     59.95     55.98    177.05    276.32      0.00      0.00      0.00
 150.   360.17    312.61    197.50    120.41     82.33     93.40     64.55     64.57     55.66    177.05    281.37      0.00      0.00      0.00
 155.   395.43    342.71    183.00    133.37     80.17     87.62     69.58     63.83     58.29    185.32    289.78      0.00      0.00      0.00
 160.   398.29    339.85    221.27    127.34     82.09    102.46     67.76     66.38     58.90    190.52    296.37      0.00      0.00      0.00
 165.   389.24    344.80    205.05    134.77     84.26     89.43     64.93     75.73     61.98    192.88    292.31      0.00      0.00      0.00
 170.   355.07    292.26    217.77    133.55     80.17     86.57     69.93     71.05     61.74    198.77    303.51      0.00      0.00      0.00
 175.   368.91    313.73    222.62    128.78     86.95    102.66     71.46     73.15     59.83    189.25    306.27      0.00      0.00      0.00
 180.   370.23    329.29    228.67    137.70     92.02    108.73     72.80     64.50     62.59    200.90    310.27      0.00      0.00      0.00
 185.   394.86    320.79    228.45    143.07     98.48    110.61     76.93     66.88     58.62    201.77    310.73      0.00      0.00      0.00
 190.   366.14    329.43    233.54    134.82     88.55    101.10     71.44     72.46     59.05    201.61    312.56      0.00      0.00      0.00
 195.   369.81    313.50    246.63    164.25     85.07    103.46     72.95     78.52     58.90    204.34    317.02      0.00      0.00      0.00
 200.   362.98    330.40    259.98    145.30     91.59     94.74     78.80     81.50     65.40    204.61    312.45      0.00      0.00      0.00
 205.   364.44    311.76    240.37    160.55    104.73    112.07     75.68     79.40     65.24    203.78    313.05      0.00      0.00      0.00
 210.   381.24    342.50    243.90    156.05     94.57    112.19     79.12     76.15     63.86    201.95    312.48      0.00      0.00      0.00
 215.   409.81    340.69    255.05    174.27     94.21    103.61     76.39     77.79     64.05    213.75    315.24      0.00      0.00      0.00
 220.   370.05    340.12    260.66    160.92     94.79    110.66     79.24     84.26     62.83    214.67    317.31      0.00      0.00      0.00
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TIME      14      15      16      17      18      19      20      21      22      23      24      25      26      27
 225.   389.81  341.64  256.46  146.05   95.19  119.78   78.76   83.07   65.95  216.70  319.02    0.00    0.00    0.00
 230.   388.74  322.09  251.68  167.55  101.02  112.15   79.09   77.54   60.55  220.30  321.12    0.00    0.00    0.00
 235.   408.67  326.69  232.65  143.67  107.46  121.10   78.27   77.49   65.76  219.00  321.59    0.00    0.00    0.00
 240.   396.45  344.66  248.17  157.32  104.22  121.63   81.64   76.46   67.59  220.85  320.55    0.00    0.00    0.00
 245.   368.95  317.00  255.85  146.50  102.00  116.34   77.83   76.85   60.17  219.15  320.31    0.00    0.00    0.00
 250.   368.70  321.26  249.37  157.22  115.24  122.29   80.24   75.00   59.24  219.20  321.26    0.00    0.00    0.00
 255.   367.46  314.64  250.02  149.42   89.83  115.73   79.05   85.02   60.17  205.93  322.74    0.00    0.00    0.00
 260.   368.46  311.93  248.02  151.05   92.93  110.41   84.83   86.14   64.29  217.17  323.67    0.00    0.00    0.00
 265.   363.17  322.59  236.19  146.97   95.69  105.12   77.32   83.76   64.33  224.65  323.40    0.00    0.00    0.00
 270.   382.02  311.17  216.47  145.17  100.24  114.93   79.80   90.19   66.50  226.20  325.43    0.00    0.00    0.00
 275.   345.50  315.50  240.61  155.90  105.27  109.49   80.88   85.57   66.43  230.82  326.50    0.00    0.00    0.00
 280.   357.43  317.37  242.29  157.70  108.95  116.32   85.48   85.07   67.29  225.38  327.88    0.00    0.00    0.00
 285.   357.79  309.05  230.83  153.57  109.49  121.54   87.95   85.21   65.24  230.70  325.21    0.00    0.00    0.00
 290.   357.45  312.02  218.80  152.57  106.51  105.78   88.21   86.29   65.02  226.50  325.19    0.00    0.00    0.00
 295.   365.17  316.05  251.34  157.62   93.48  118.49   84.38   83.05   63.33  219.25  326.81    0.00    0.00    0.00
 300.   362.51  314.02  230.51  146.00   95.90  103.56   80.79   88.14   66.17  217.82  328.21    0.00    0.00    0.00
 305.   369.17  311.69  240.95  165.90  106.46  103.68   78.88   92.64   71.61  225.52  328.09    0.00    0.00    0.00
 310.   349.45  317.05  233.46  157.32  109.49  121.19   82.17   82.86   64.52  223.27  325.43    0.00    0.00    0.00
 315.   347.33  303.66  232.95  149.97   93.05  116.66   86.93   91.55   66.09  221.45  327.55    0.00    0.00    0.00
 320.   364.12  315.38  214.07  154.22   97.12  102.78   83.29   95.29   75.73  221.32  329.29    0.00    0.00    0.00
 325.   353.55  315.05  242.56  170.52  104.98  113.56   87.76   88.31   70.71  223.40  328.31    0.00    0.00    0.00
 330.   366.23  313.07  228.34  153.20  101.41  116.05   82.67   88.86   79.49  223.50  327.17    0.00    0.00    0.00
 335.   354.40  317.80  252.58  164.97  103.49  113.32   85.29   81.59   67.86  221.88  326.71    0.00    0.00    0.00
 340.   353.62  313.12  229.68  154.65  102.37  104.29   86.79   84.26   63.50  226.32  328.24    0.00    0.00    0.00
 345.   359.26  340.32  249.73  158.70  104.90  108.12   83.76   96.40   63.59  223.72  328.98    0.00    0.00    0.00
 350.   353.21  316.85  227.90  142.40   93.02  105.22   89.21   90.83   75.34  228.92  326.98    0.00    0.00    0.00
 355.   356.86  310.55  248.22  156.60   95.07  106.80   80.07   90.93   72.24  228.42  327.88    0.00    0.00    0.00
 360.   360.24  308.78  216.97  148.77  105.76  109.32   79.19   93.43   71.24  226.07  326.43    0.00    0.00    0.00
 365.   352.64  312.85  228.66  149.90  100.34  105.39   80.12   95.93   72.46  226.77  326.43    0.00    0.00    0.00
 370.   346.40  317.80  231.27  144.92   95.86  121.54   84.09   90.93   67.40  217.00  327.86    0.00    0.00    0.00
 375.   353.19  310.19  240.88  156.82  101.56  103.76   91.79   91.76   73.51  219.50  327.26    0.00    0.00    0.00
 380.   355.50  292.26  204.90  151.32  101.34  112.71   85.19   90.00   73.22  225.50  326.76    0.00    0.00    0.00
 385.   354.45  310.93  219.35  158.75  109.93  118.61   85.79   86.48   71.02  222.12  325.57    0.00    0.00    0.00
 390.   351.86  312.69  248.24  161.63  105.00  120.76   81.26   85.55   71.93  223.00  325.33    0.00    0.00    0.00
 395.   350.31  314.45  259.73  187.45  105.02  118.90   85.12   87.55   71.29  223.57  324.00    0.00    0.00    0.00
 400.   357.24  321.69  236.39  149.40   96.09  122.02   87.05   84.69   71.54  225.42  323.76    0.00    0.00    0.00
 405.   342.09  310.44  242.68  161.70   96.88  110.85   87.21   89.17   70.29  220.32  324.31    0.00    0.00    0.00
 410.   341.09  303.07  231.66  170.87  109.98  111.27   85.88   86.62   67.00  222.05  322.43    0.00    0.00    0.00
 415.   344.46  304.00  242.51  175.95   90.26  115.37   86.79   91.05   66.95  218.72  321.90    0.00    0.00    0.00
 420.   344.07  316.71  253.44  175.97  102.93  111.54   79.24   91.43   70.51  219.90  320.57    0.00    0.00    0.00
 425.   360.31  303.85  233.88  147.35  101.41  117.29   82.88   89.64   76.15  214.77  318.14    0.00    0.00    0.00
 430.   343.07  306.34  235.58  158.85  101.19  122.58   84.00   83.69   65.07  213.65  317.02    0.00    0.00    0.00
 435.   340.90  296.32  230.73  157.20  102.56  103.32   79.17   83.79   71.44  218.57  316.14    0.00    0.00    0.00
 440.   340.61  304.44  222.05  145.80   95.86  110.98   89.50   80.29   67.40  220.38  314.55    0.00    0.00    0.00
 445.   320.59  293.29  237.63  167.32  111.90  112.15   87.71   85.07   66.90  220.67  312.88    0.00    0.00    0.00
 450.   325.33  280.17  231.38  159.17   93.29  110.88   78.12   80.64   65.62  216.22  310.22    0.00    0.00    0.00
 455.   330.24  294.12  232.00  155.52  102.83  115.39   83.02   82.76   67.45  207.95  314.34    0.00    0.00    0.00
 460.   315.93  285.12  228.72  149.82  102.80  112.66   78.52   89.67   61.69  215.38  312.80    0.00    0.00    0.00
 465.   304.17  268.37  214.82  154.90  106.07  116.80   88.55   77.93   60.40  216.13  310.61    0.00    0.00    0.00
 470.   317.15  281.63  214.30  148.47  103.63  113.12   85.26   87.52   64.50  205.83  309.07    0.00    0.00    0.00
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TIME      14      15      16      17      18      19      20      21      22      23      24      25      26      27
 475.  301.73  264.71  198.15  144.22  102.90  107.00   86.05   84.55   62.45  201.41  305.41    0.00    0.00    0.00
 480.  313.00  278.90  214.97  147.02  101.49  110.29   81.95   86.64   64.36  200.05  303.34    0.00    0.00    0.00
 485.  311.41  259.29  183.60  149.10  101.63  111.32   77.93   81.38   64.45  198.90  301.51    0.00    0.00    0.00
 490.  308.29  258.07  195.65  147.00   94.14  111.51   80.83   84.09   71.49  201.97  291.86    0.00    0.00    0.00
 495.  288.83  232.88  174.52  129.10   83.36  103.78   81.95   85.14   63.31  199.30  295.56    0.00    0.00    0.00
 500.  284.24  248.63  185.92  135.88   93.79  116.32   82.88   90.36   63.40  194.32  293.46    0.00    0.00    0.00
 505.  303.39  240.34  180.27  144.80   94.93  108.07   79.12   83.59   63.43  197.60  291.00    0.00    0.00    0.00
 510.  291.17  227.47  188.10  148.52   94.48  110.37   77.76   78.05   61.17  190.50  288.24    0.00    0.00    0.00
 515.  289.56  248.07  202.02  157.82  104.22  106.49   80.69   85.31   65.21  195.92  285.49    0.00    0.00    0.00
 520.  264.34  243.98  206.56  151.60  110.15  112.49   77.76   78.76   62.14  185.27  281.02    0.00    0.00    0.00
 525.  293.12  279.07  227.88  165.77  111.32  120.98   78.74   74.68   65.26  186.22  277.76    0.00    0.00    0.00
 530.  293.37  266.44  229.52  164.13  108.54  120.32   79.95   78.34   71.41  190.63  274.90    0.00    0.00    0.00
 535.  287.24  242.44  202.98  168.82  102.15  116.54   78.40   79.52   74.15  191.92  271.73    0.00    0.00    0.00
 540.  295.41  244.41  206.34  161.17  103.90  106,10   74.83   77.98   65.43  178.70  269.80    0.00    0.00    0.00
 545.  270.90  232.39  200.15  159.60  102.66  117.39   78.93   76.44   63.33  181.95  267.22    0.00    0.00    0.00
 550.  239.32  203.66  186.82  155.07  105.12  105.76   78.08   78.17   60.83  173.13  264.37    0.00    0.00    0.00
 555.  274.10  228.66  187.25  153.90  101.61  116.66   72.89   71.37   63.33  174.62  260.56    0.00    0.00    0.00
 560.  259.37  220.07  178.72  140.27  114.41  103.66   71.22   77.17   67.83  173.92  257.76    0.00    0.00    0.00
 565.  257.44  223.30  174.55  139.72  100.51   97.48   72.32   73.85   64.21  173.60  254.95    0.00    0.00    0.00
 570.  241.49  208.07  168.13  124.95   93.57   96.95   75.61   71.56   61.38  176.75  252.02    0.00    0.00    0.00
 575.  239.58  207.05  159.20  114.44   90.48  106.51   74.80   71.71   62.00  169.57  248.80    0.00    0.00    0.00
 580.  225.55  193.90  161.75  121.00   85.67   94.31   74.98   76.12   60.59  171.47  245.73    0.00    0.00    0.00
 585.  226.52  185.57  139.13  114.80   84.05   94.14   77.71   74.29   61.62  171.20  243.68    0.00    0.00    0.00
 590.  231.15  192.00  147.40  108.12   79.83   93.64   79.22   74.51   59.00  163.52  241.76    0.00    0.00    0.00
 595.  230.29  201.27  147.60  115.76   88.81  100.58   76.19   71.24   58.29  164.42  239.05    0.00    0.00    0.00
 600.  229.39  174.27  128.27  108.61   84.26   92.57   77.90   73.27   60.08  165.07  236.58    0.00    0.00    0.00
 605.  224.62  183.13  138.75  108.58   79.52   85.57   70.15   67.76   61.36  164.27  234.71    0.00    0.00    0.00
 610.  219.45  176.07  136.97  101.51   77.00   95.43   64.57   61.21   59.86  162.70  232.78    0.00    0.00    0.00
 615.  216.42  180.77  151.05  111.71   78.71   89.05   66.88   60.19   59.24  161.07  231.88    0.00    0.00    0.00
 620.  219.10  179.27  137.97  118.27   86.76   89.17   70.44   60.83   58.86  157.75  230.00    0.00    0.00    0.00
 625.  203.15  173.32  142.05  110.88   84.64   91.74   70.17   63.24   57.00  155.42  233.35    0.00    0.00    0.00
 630.  200.13  166.42  127.76  110.58   82.21   85.52   70.54   61.81   56.93  152.55  231.02    0.00    0.00    0.00
 635.  189.27  159.57  125.19  110.83   78.29   86.05   74.54   64.90   56.29  154.77  229.47    0.00    0.00    0.00
 640.  201.35  149.00  117.93   93.86   75.78   82.98   65.45   65.07   54.73  139.15  226.88    0.00    0.00    0.00
 645.  188.57  154.70  139.22  113.95   87.59   83.39   65.43   64.59   56.15  149.65  225.25    0.00    0.00    0.00
 650.  185.82  167.77  141.67  109.73   82.36   87.95   63.98   61.31   55.51  139.77  223.25    0.00    0.00    0.00
 655.  198.57  166.35  127.46  100.63   74.44   79.52   62.40   64.52   56.10  127.00  221.30    0.00    0.00    0.00
 660.  170.75  159.97  142.80  114.76   79.05   85.83   65.24   61.86   57.22  129.00  219.65    0.00    0.00    0.00
 665.  170.97  155.77  126.02  111.63   85.38   89.98   74.58   61.36   53.98  115.66  217.10    0.00    0.00    0.00
 670.  183.25  156.20  133.77  106.98   81.24   89.62   73.05   62.55   57.56  120.76  215.88    0.00    0.00    0.00
 675.  177.25  129.00  112.83   97.59   77.69   82.74   64.45   58.52   56.27  127.85  214.00    0.00    0.00    0.00
 680.  182.75  153.40  123.78  102.22   80.33   86.14   65.90   63.05   58.98  128.05  207.88    0.00    0.00    0.00
 685.  175.20  148.50  135.15  108.05   84.79   85.86   65.76   63.90   54.85  133.70  205.66    0.00    0.00    0.00
 690.  178.70  160.97  119.58  101.85   83.86   89.74   69.90   62.76   55.83  127.78  204.44    0.00    0.00    0.00
 695.  172.80  146.88  127.05  103.76   83.57   85.76   61.86   59.43   55.15  134.13  203.51    0.00    0.00    0.00
 700.  164.20  149.30  135.15  109.27   76.85   80.38   58.79   57.44   55.22  126.85  202.22    0.00    0.00    0.00
 705.  160.15  148.37  129.49  107.61   77.98   82.02   59.09   56.88   52.66  125.61  200.93    0.00    0.00    0.00
 710.  159.00  145.20  125.68  111.58   72.73   82.09   59.26   57.41   54.49  124.73  199.73    0.00    0.00    0.00
 715.  163.07  140.55  124.71  110.58   78.78   85.17   62.24   58.24   55.22  125.73  203.17    0.00    0.00    0.00
 720.  162.32  133.55   94.24   89.33   74.66   81.86   62.38   58.38   52.90  122.51  201.32    0.00    0.00    0.00
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TIME        14        15        16        17        18        19        20        21        22        23        24        25        26        27
 725.    162.82    143.00    116.22     95.29     71.56     75.58     58.88     59.83     55.46    125.85    200.50      0.00      0.00      0.00
 730.    156.97    137.20    114.24     94.62     71.61     77.69     57.93     58.22     53.66    126.02    199.62      0.00      0.00      0.00
 735.    146.50    137.13    124.71    101.02     79.93     82.43     63.09     57.19     51.00    124.41    199.30      0.00      0.00      0.00
 740.    137.07    116.46    109.54     92.90     77.34     80.24     64.52     61.86     52.22    124.56    197.97      0.00      0.00      0.00
 745.    137.42    116.41    105.22     93.19     79.19     79.95     63.19     58.29     53.44    123.98    196.52      0.00      0.00      0.00
 750.    142.38    125.00    108.32     91.36     73.27     77.61     61.52     56.98     52.39    125.02    195.45      0.00      0.00      0.00
 755.    127.27    116.54    108.58     95.88     76.78     78.93     59.24     53.90     51.56    122.07    194.22      0.00      0.00      0.00
 760.    129.17    118.76    103.71     89.33     70.37     78.00     59.81     51.07     50.05    113.66    193.25      0.00      0.00      0.00
 765.    133.30    117.49    107.85     96.93     78.80     82.45     60.95     59.12     50.12    115.02    191.92      0.00      0.00      0.00
 770.    137.13    123.80    109.73     91.21     70.37     78.98     61.83     54.49     50.85    116.83    191.30      0.00      0.00      0.00
 775.    129.56    116.73    103.85     88.95     79.29     78.29     60.45     56.83     50.12    115.19    190.55      0.00      0.00      0.00
 780.    135.77    118.51    101.27     92.09     78.37     80.48     62.33     58.46     49.88    114.27    189.25      0.00      0.00      0.00
 785.    137.60    101.76     90.21     84.33     70.73     78.24     59.88     55.12     49.98    115.56    188.67      0.00      0.00      0.00
 790.    140.02    118.44     93.31     88.29     78.85     82.71     63.90     60.09     52.83    113.66    187.97      0.00      0.00      0.00
 795.    124.93     97.24     89.93     83.64     66.67     74.32     55.19     55.73     49.90    110.76    187.42      0.00      0.00      0.00
 800.    128.24    118.78     95.83     84.88     73.17     77.98     60.95     57.39     49.80    111.54    186.15      0.00      0.00      0.00
 805.    127.80    101.71     85.05     81.74     74.73     79.00     60.76     53.41     50.24    107.24    185.60      0.00      0.00      0.00
 810.    129.61    115.90     85.26     83.57     74.46     78.41     59.33     54.90     49.46    106.37    184.40      0.00      0.00      0.00
 815.    125.78    114.56    104.37     93.05     75.66     72.15     60.86     57.80     47.12    106.15    183.20      0.00      0.00      0.00
 820.    128.68    116.68    100.05     82.02     70.66     78.51     58.62     58.17     46.32    106.32    182.17      0.00      0.00      0.00
 825.    120.24    106.22     91.55     81.14     65.50     74.73     57.51     54.24     47.27    107.76    181.02      0.00      0.00      0.00
 830.    125.54    107.54     96.07     80.69     60.43     65.36     55.73     55.41     49.58    103.58    180.27      0.00      0.00      0.00
 835.    119.93    105.29     90.64     80.31     63.40     66.98     57.66     54.73     48.78    105.02    179.50      0.00      0.00      0.00
 840.    124.68    109.78     78.74     72.10     59.90     71.34     57.46     54.22     47.39    106.34    179.00      0.00      0.00      0.00
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TIME       28        29        30      31        32        33        34        35        36        37        38        39        40        41
   0.      0.00      0.00     19.47 13536.55     0.00     -0.08     -0.01      0.13      0.00      0.00      0.00      0.00     21.00      0.24
   0.      0.00      0.00     29.71 13508.04     0.00     -0.09     -0.01      0.12      0.00      0.00      0.00      0.00     21.03     -0.81
   0.      0.00      0.00     40.14 13508.04    -0.00     -0.00     -0.01      0.09      0.00      0.00      0.00      0.00     21.00      0.29
   0.      0.00      0.00     50.38 13536.55     0.00     -0.00     -0.01      0.10      0.00      0.00      0.00      0.00     21.13     -0.11
   0.      0.00      0.00     59.67 13565.06    -0.00     -0.09     -0.01     -0.13      0.00      0.00      0.00      0.00     21.00      0.14
   0.      0.00      0.00     69.91 13565.06     0.00     -0.00     -0.01     -0.25      0.00      0.00      0.00      0.00     21.03      0.25
   5.      0.00      0.00     10.22 13696.20     0.00      0.03      0.05     -0.19      0.00      0.00      0.00      0.00     21.09      1.38
  10.      0.00      0.00     19.47 13508.04     0.00      0.03      0.09      0.05      0.00      0.00      0.00      0.00     21.08      2.53
  15.      0.00      0.00     29.71 13536.55     0.00      0.06      0.13      0.06      0.00      0.00      0.00      0.00     21.01      3.19
  20.      0.00      0.00     40.14 13536.55     0.01      0.08      0.19     -0.16      0.00      0.00      0.00      0.00     20.80      2.67
  25.      0.00      0.00     50.38 13536.55     0.01      0.11      0.25     -0.15      0.00      0.00      0.00      0.00     20.61      3.31
  30.      0.00      0.00     59.66 13536.55     0.01      0.13      0.25      0.03      0.00      0.00      0.00      0.00     20.46      3.36
  35.      0.00      0.00     69.90 13508.04     0.02      0.15      0.33     -0.40      0.00      0.00      0.00      0.00     20.31      6.01
  40.      0.00      0.00     10.21 13570.76     0.04      0.19      0.46      1.55      0.00      0.00      0.00      0.00     20.06      6.45
  45.      0.00      0.00     19.47 13422.51     0.06      0.25      0.53      0.91      0.00      0.00      0.00      0.00     20.01      8.31
  50.      0.00      0.00     29.71 13365.48     0.09      0.30      0.65      0.05      0.00      0.00      0.00      0.00     19.62      7.05
  55.      0.00      0.00     40.13 13336.98     0.13      0.39      0.78     -0.33      0.00      0.00      0.00      0.00     19.42      5.97
  60.      0.00      0.00     50.37 13336.98     0.16      0.46      0.90      0.14      0.00      0.00      0.00      0.00     19.13      4.53
  65.      0.00      0.00     59.66 13279.95     0.19      0.53      1.02     -0.43      0.00      0.00      0.00      0.00     18.80      9.11
  70.      0.00      0.00     69.90 13137.40     0.24      0.61      1.18     -0.37      0.00      0.00      0.00      0.00     18.30     10.00
  75.      0.00      0.00     10.21 13145.96     0.28      0.66      1.28      3.03      0.00      0.00      0.00      0.00     17.98      9.40
  80.      0.00      0.00     19.47 12909.32     0.33      0.73      1.44      1.43      0.00      0.00      0.00      0.00     17.56      8.67
  85.      0.00      0.00     29.71 12852.31     0.40      0.83      1.66     -0.50      0.00      0.00      0.00      0.00     17.23     11.53
  90.      0.00      0.00     40.13 12730.27     0.48      0.90      1.85     -0.41      0.00      0.00      0.00      0.00     16.95     12.52
  95.      0.00      0.00     50.30 12624.23     0.58      1.01      1.97     -0.62      0.00      0.00      0.00      0.00     16.42      7.41
 100.      0.00      0.00     59.65 12453.17     0.66      1.10      2.30     -0.76      0.00      0.00      0.00      0.00     16.12      8.47
 105.      0.00      0.00     69.90 12282.11     0.72      1.13      2.40     -0.64      0.00      0.00      0.00      0.00     15.72     14.28
 110.      0.00      0.00     10.22 12239.34     0.75      1.14      0.56      3.26      0.00      0.00      0.00      0.00     15.38      6.76
 115.      0.00      0.00     19.47 11997.01     0.76      1.15      2.35      2.59      0.00      0.00      0.00      0.00     15.19     13.39
 120.      0.00      0.00     29.72 11825.95     0.78      1.12      2.38      0.42      0.00      0.00      0.00      0.00     14.94     10.00
 125.      0.00      0.00     40.14 11633.39     0.82      1.10      2.39     -0.66      0.00      0.00      0.00      0.00     15.08      8.96
 130.      0.00      0.00     50.38 11512.34     0.85      1.10      2.51      0.49      0.00      0.00      0.00      0.00     15.09      8.39
 135.      0.00      0.00     59.65 11398.30     0.87      1.09      2.51     -0.79      0.00      0.00      0.00      0.00     14.95     11.23
 140.      0.00      0.00     69.91 11227.23     0.92      1.12      2.63     -0.67      0.00      0.00      0.00      0.00     15.09     10.81
 145.      0.00      0.00     10.22 11110.35     0.95      1.12      2.77      3.79      0.00      0.00      0.00      0.00     15.08      7.89
 150.      0.00      0.00     19.47 10913.63     0.97      1.09      2.64      2.69      0.00      0.00      0.00      0.00     14.94     11.19
 155.      0.00      0.00     29.71 10742.57     0.99      1.09      2.67      0.54      0.00      0.00      0.00      0.00     15.04     11.72
 160.      0.00      0.00     40.14 10571.51     1.02      1.08      2.67      0.49      0.00      0.00      0.00      0.00     15.11      9.77
 165.      0.00      0.00     50.39 10428.95     1.02      1.06      2.71     -0.53      0.00      0.00      0.00      0.00     15.05      8.24
 170.      0.00      0.00     59.66 10286.40     1.01      1.04      2.68     -0.68      0.00      0.00      0.00      0.00     15.25     12.92
 175.      0.00      0.00     69.91 10115.35     1.02      1.03      2.72     -0.79      0.00      0.00      0.00      0.00     15.13     14.23
 180.      0.00      0.00     10.22 10049.77     1.06      1.03      2.81      4.16      0.00      0.00      0.00      0.00     15.17     10.94
 185.      0.00      0.00     19.47  9830.24     1.08      1.01      2.69      2.04      0.00      0.00      0.00      0.00     15.28     10.02
 190.      0.00      0.00     29.72  9659.18     1.09      1.01      2.76      0.32      0.00      0.00      0.00      0.00     15.33      9.49
 195.      0.00      0.00     40.13  9516.64     1.11      1.01      2.87     -0.65      0.00      0.00      0.00      0.00     15.39     12.38
 200.      0.00      0.00     50.38  9374.09     1.14      0.99      2.74     -0.65      0.00      0.00      0.00      0.00     15.40      9.40
 205.      0.00      0.00     59.65  9174.52     1.13      0.99      2.81     -0.86      0.00      0.00      0.00      0.00     15.33     13.28
 210.      0.00      0.00     69.91  9031.97     1.13      0.98      2.76     -0.71      0.00      0.00      0.00      0.00     15.38      8.49
 215.      0.00      0.00     10.21  8989.20     1.15      0.96      2.76      3.80      0.00      0.00      0.00      0.00     15.51      8.40
 220.      0.00      0.00     19.48  8775.38     1.17      0.98      2.73      3.30      0.00      0.00      0.00      0.00     15.41     10.61
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TIME       28       29       30     31        32       33       34       35       36       37       38       39       40       41
 225.     0.00     0.00    29.71  8575.81    1.15     0.95     2.84    -0.15     0.00     0.00     0.00     0.00    15.55    11.95
 230.     0.00     0.00    40.13  8461.77    1.14     0.94     2.74    -0.60     0.00     0.00     0.00     0.00    15.47     9.44
 235.     0.00     0.00    50.37  8319.22    1.17     0.94     2.68    -0.57     0.00     0.00     0.00     0.00    15.46     9.55
 240.     0.00     0.00    59.66  8176.67    1.14     0.92     2.66    -0.93     0.00     0.00     0.00     0.00    15.59    11.71
 245.     0.00     0.00    69.90  8034.11    1.16     0.91     2.61    -0.69     0.00     0.00     0.00     0.00    15.68    10.40
 250.     0.00     0.00    10.22  7959.99    1.13     0.90     2.57     4.22     0.00     0.00     0.00     0.00    15.71    13.95
 255.     0.00     0.00    19.47  7749.02    1.15     0.89     2.66     3.19     0.00     0.00     0.00     0.00    15.79     9.20
 260.     0.00     0.00    29.71  7634.98    1.15     0.88     2.72    -0.50     0.00     0.00     0.00     0.00    15.84    10.48
 265.     0.00     0.00    40.14  7529.49    1.13     0.86     2.52    -0.78     0.00     0.00     0.00     0.00    15.82    10.41
 270.     0.00     0.00    50.38  7386.94    1.15     0.88     2.67    -0.70     0.00     0.00     0.00     0.00    15.92    12.88
 275.     0.00     0.00    59.66  7275.75    1.15     0.86     2.64    -0.80     0.00     0.00     0.00     0.00    15.87    11.49
 280.     0.00     0.00    69.91  7133.20    1.16     0.86     2.56    -0.79     0.00     0.00     0.00     0.00    15.92     8.77
 285.     0.00     0.00    10.21  6970.69    1.15     0.86     2.59     3.48     0.00     0.00     0.00     0.00    15.99    11.44
 290.     0.00     0.00    19.47  6873.76    1.14     0.85     2.57     2.81     0.00     0.00     0.00     0.00    15.96    12.23
 295.     0.00     0.00    29.72  6748.32    1.13     0.83     2.69     1.45     0.00     0.00     0.00     0.00    16.12     9.71
 300.     0.00     0.00    40.14  6602.91    1.15     0.83     2.48     0.43     0.00     0.00     0.00     0.00    16.14    10.07
 305.     0.00     0.00    50.38  6480.32    1.14     0.83     2.58    -0.64     0.00     0.00     0.00     0.00    16.18     9.74
 310.     0.00     0.00    59.66  6357.73    1.13     0.83     2.58    -0.61     0.00     0.00     0.00     0.00    16.18    11.86
 315.     0.00     0.00    69.91  6240.84    1.14     0.83     2.61    -0.80     0.00     0.00     0.00     0.00    16.07     9.83
 320.     0.00     0.00    10.22  6121.10    1.16     0.82     2.54     4.12     0.00     0.00     0.00     0.00    16.17    10.21
 325.     0.00     0.00    19.47  6032.71    1.15     0.82     2.49     3.11     0.00     0.00     0.00     0.00    16.12    10.76
 330.     0.00     0.00    29.71  5861.65    1.15     0.82     2.62     1.91     0.00     0.00     0.00     0.00    16.28    11.65
 335.     0.00     0.00    40.14  5781.82    1.14     0.80     2.53     0.08     0.00     0.00     0.00     0.00    16.31    10.66
 340.     0.00     0.00    50.38  5642.13    1.11     0.81     2.56    -0.79     0.00     0.00     0.00     0.00    16.24    10.51
 345.     0.00     0.00    59.66  5519.53    1.13     0.80     2.45    -0.08     0.00     0.00     0.00     0.00    16.34    10.52
 350.     0.00     0.00    69.91  5408.35    1.13     0.78     2.55    -0.82     0.00     0.00     0.00     0.00    16.27    10.29
 355.     0.00     0.00    10.22  5308.56    1.13     0.78     2.49     3.59     0.00     0.00     0.00     0.00    16.42    10.25
 360.     0.00     0.00    19.48  5174.56    1.13     0.79     0.21     3.32     0.00     0.00     0.00     0.00    16.51    12.10
 365.     0.00     0.00    29.72  5071.93    1.14     0.78     2.51     1.37     0.00     0.00     0.00     0.00    16.47     9.83
 370.     0.00     0.00    40.14  4963.59    1.15     0.78     2.45    -0.44     0.00     0.00     0.00     0.00    16.38     9.02
 375.     0.00     0.00    50.39  4843.85    1.11     0.76     2.40    -0.64     0.00     0.00     0.00     0.00    16.46    10.63
 380.     0.00     0.00    59.67  4726.95    1.12     0.77     2.53    -0.81     0.00     0.00     0.00     0.00    16.52     9.43
 385.     0.00     0.00    69.91  4630.02    1.11     0.76     2.44    -0.90     0.00     0.00     0.00     0.00    16 59     9.78
 390.     0.00     0.00    10.22  4521.68    1.09     0.74     2.28     3.27     0.00     0.00     0.00     0.00    16.61    10.41
 395.     0.00     0.00    19.48  4427.60    1.10     0.75     2.47     2.59     0.00     0.00     0.00     0.00    16.67    10.55
 400.     0.00     0.00    29.73  4307.86    1.08     0.74     2.38     1.05     0.00     0.00     0.00     0.00    16.70    10.47
 405.     0.00     0.00    40.14  4213.78    1.11     0.74     2.40    -0.59     0.00     0.00     0.00     0.00    16.77     8.57
 410.     0.00     0.00    50.39  4102.59    1.07     0.74     2.42    -0.72     0.00     0.00     0.00     0.00    16.68     9.66
 415.     0.00     0.00    59.67  4025.61    1.05     0.74     2.35    -0.85     0.00     0.00     0.00     0.00    16.84     9.74
 420.     0.00     0.00    69.92  3928.68    1.05     0.72     2.20    -0.84     0.00     0.00     0.00     0.00    16.81    10.68
 425.     0.00     0.00    10.23  3817.49    1.04     0.72     2.28     4.20     0.00     0.00     0.00     0.00    16.87     8.67
 430.     0.00     0.00    19.48  3754.77    1.04     0.72     2.35     2.89     0.00     0.00     0.00     0.00    16.91     8.89
 435.     0.00     0.00    29.73  3652.13    1.03     0.72     2.23     1.09     0.00     0.00     0.00     0.00    16.95    10.52
 440.     0.00     0.00    40.14  3558.05    1.00     0.71     2.30    -0.65     0.00     0.00     0.00     0.00    17.03     9.33
 445.     0.00     0.00    50.39  3472.52    0.99     0.70     2.11    -0.65     0.00     0.00     0.00     0.00    17.00     9.97
 450.     0.00     0.00    59.67  3398.39    0.99     0.69     2.19    -0.75     0.00     0.00     0.00     0.00    16.96     9.68
 455.     0.00     0.00    69.91  3307.16    0.97     0.66     2.06    -0.72     0.00     0.00     0.00     0.00    17.18     9.27
 460.     0.00     0.00    10.22  3238.74    0.95     0.66     2.09     3.57     0.00     0.00     0.00     0.00    17.33    10.13
 465.     0.00     0.00    19.47  3167.46    0.94     0.67     2.08     3.00     0.00     0.00     0.00     0.00    17.37     9.41
 470.     0.00     0.00    29.72  3064.82    0.93     0.66     1.93     0.97     0.00     0.00     0.00     0.00    17.30     8.39
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TIME       28        29        30     31          32        33        34        35        36        37        38        39        40        41
 475.     0.00      0.00     40.14  3024.91      0.91      0.64      1.90     -0.86      0.00      0.00      0.00      0.00     17.47      8.91
 480.     0.00      0.00     50.39  2950.78      0.89      0.62      1.90     -0.72      0.00      0.00      0.00      0.00     17.48     10.36
 485.     0.00      0.00     59.66  2893.77      0.87      0.62      1.85     -0.87      0.00      0.00      0.00      0.00     17.54      9.63
 490.     0.00      0.00     69.91  2813.94      0.86      0.62      1.82     -0.76      0.00      0.00      0.00      0.00     17.69     10.28
 495.     0.00      0.00     10.22  2759.77      0.86      0.61      1.82      3.59      0.00      0.00      0.00      0.00     17.73      8.12
 500.     0.00      0.00     19.48  2711.30      0.83      0.60      1.79      2.21      0.00      0.00      0.00      0.00     17.75      8.98
 505.     0.00      0.00     29.72  2643.73      0.82      0.59      1.73      1.14      0.00      0.00      0.00      0.00     17.71      8.76
 510.     0.00      0.00     40.14  2391.99      0.80      0.59      1.67     -0.46      0.00      0.00      0.00      0.00     17.84      9.26
 515.     0.00      0.00     50.38  2431.90      0.77      0.59      1.70     -0.66      0.00      0.00      0.00      0.00     17.95      8.50
 520.     0.00      0.00     59.66  2369.18      0.77      0.57      1.49     -0.89      0.00      0.00      0.00      0.00     18.01      8.12
 525.     0.00      0.00     69.91  2303.61      0.75      0.56      1.53     -0.78      0.00      0.00      0.00      0.00     17.90      8.36
 530.     0.00      0.00     10.22  2238.03      0.71      0.55      1.54      3.05      0.00      0.00      0.00      0.00     18.25      7.71
 535.     0.00      0.00     19.48  2192.42      0.68      0.54      1.47      2.65      0.00      0.00      0.00      0.00     18.26      8.49
 540.     0.00      0.00     29.72  2135.40      0.67      0.53      1.42      0.43      0.00      0.00      0.00      0.00     18.39      8.05
 545.     0.00      0.00     40.13  2090.34      0.66      0.53      1.42      0.34      0.00      0.00      0.00      0.00     18.41      8.49
 550.     0.00      0.00     50.39  2058.42      0.64      0.51      1.39     -0.63      0.00      0.00      0.00      0.00     18.51      8.17
 555.     0.00      0.00     59.67  2004.25      0.62      0.49      1.28     -0.90      0.00      0.00      0.00      0.00     18.57      7.79
 560.     0.00      0.00     69.90  1958.64      0.62      0.49      1.34     -0.01      0.00      0.00      0.00      0.00     18.64      7.18
 565.     0.00      0.00     10.22  1932.98      0.61      0.48      1.31      2.76      0.00      0.00      0.00      0.00     18.65      7.95
 570.     0.00      0.00     19.48  1901.62      0.59      0.47      1.27      2.07      0.00      0.00      0.00      0.00     18.68      6.30
 575.     0.00      0.00     29.72  1864.55      0.57      0.47      1.22      0.29      0.00      0.00      0.00      0.00     18.78      7.16
 580.     0.00      0.00     40.14  1824.64      0.56      0.46      1.28     -0.63      0.00      0.00      0.00      0.00     18.69      7.75
 585.     0.00      0.00     50.39  1798.98      0.57      0.46      1.14     -0.77      0.00      0.00      0.00      0.00     18.81      7.87
 590.     0.00      0.00     59.66  1756.22      0.56      0.44      1.15     -0.74      0.00      0.00      0.00      0.00     18.86      6.66
 595.     0.00      0.00     69.91  1682.09      0.54      0.45      1.22     -0.81      0.00      0.00      0.00      0.00     18.90      7.17
 600.     0.00      0.00     10.22  1650.73      0.52      0.43      1.18      2.97      0.00      0.00      0.00      0.00     18.93      7.22
 605.     0.00      0.00     19.48  1630.77      0.52      0.43      1.16      1.50      0.00      0.00      0.00      0.00     18.95      7.20
 610.     0.00      0.00     29.72  1607.96      0.51      0.42      1.11     -0.40      0.00      0.00      0.00      0.00     19.01      7.03
 615.     0.00      0.00     40.14  1593.71      0.50      0.42      1.11      0.28      0.00      0.00      0.00      0.00     18.97      6.39
 620.     0.00      0.00     50.38  1568.05      0.49      0.40      1.01     -0.78      0.00      0.00      0.00      0.00     19.09      6.12
 625.     0.00      0.00     59.67  1502.48      0.48      0.40      1.09     -0.70      0.00      0.00      0.00      0.00     19.10      5.41
 630.     0.00      0.00     69.91  1522.43      0.47      0.39      1.02     -0.68      0.00      0.00      0.00      0.00     19.16      5.88
 635.     0.00      0.00     10.22  1488.22      0.48      0.38      0.99      2.58      0.00      0.00      0.00      0.00     19.14      6.57
 640.     0.00      0.00     19.48  1468.27      0.46      0.37      0.98      2.03      0.00      0.00      0.00      0.00     19.17      6.24
 645.     0.00      0.00     29.72  1442.61      0.46      0.37      0.99     -0.65      0.00      0.00      0.00      0.00     19.17      5.56
 650.     0.00      0.00     40.13  1328.57      0.40      0,36      0.90      0.12      0.00      0.00      0.00      0.00     19.21      5.76
 655.     0.00      0.00     50.39  1320.01      0.39      0.35      0.87     -0.64      0.00      0.00      0.00      0.00     19.27      5.32
 660.     0.00      0.00     59.66  1294.35      0.39      0.33      0.88     -0.00      0.00      0.00      0.00      0.00     19.31      5.88
 665.     0.00      0.00     69.91  1282.95      0.39      0.32      0.85     -0.81      0.00      0.00      0.00      0.00     19.29      5.62
 670.     0.00      0.00     10.22  1268.70      0.38      0.33      0.83      2.53      0.00      0.00      0.00      0.00     19.43      5.86
 675.     0.00      0.00     19.48  1234.48      0.39      0.33      0.86      1.81      0.00      0.00      0.00      0.00     19.50      6.01
 680.     0.00      0.00     29.71  1225.93      0.37      0.33      0.74     -0.52      0.00      0.00      0.00      0.00     19.51      4.81
 685.     0.00      0.00     40.15  1200.27      0.37      0.33      0.72      0.46      0.00      0.00      0.00      0.00     19.54      5.69
 690.     0.00      0.00     50.39  1183.16      0.36      0.33      0.64     -0.60      0.00      0.00      0.00      0.00     19.56      5.34
 695.     0.00      0.00     59.67  1160.36      0.35      0.32      0.78     -0.70      0.00      0.00      0.00      0.00     19.50      4.80
 700.     0.00      0.00     69.91  1157.51      0.34      0.30      0.78     -0.75      0.00      0.00      0.00      0.00     19.61      4.97
 705.     0.00      0.00     10.22  1134.70      0.34      0.29      0.74      2.22      0.00      0.00      0.00      0.00     19.62      5.00
 710.     0.00      0.00     19.48  1114.74      0.34      0.30      0.74      1.85      0.00      0.00      0.00      0.00     19.63      5.16
 715.     0.00      0.00     29.73  1094.78      0.33      0.30      0.68     -0.18      0.00      0.00      0.00      0.00     19.66      5.12
 720.     0.00      0.00     40.14  1074.83      0.32      0.29      0.77     -0.49      0.00      0.00      0.00      0.00     19.61      5.55
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TIME      28       29       30      31        32       33       34      35       36       37       38       39       40       41
 725.    0.00     0.00    50.38  1054.87    0.32     0.29     0.75   -0.53     0.00     0.00     0.00     0.00    19.70     4.33
 730.    0.00     0.00    59.66  1054.87    0.32     0.30     0.56   -0.67     0.00     0.00     0.00     0.00    19.62     4.74
 735.    0.00     0.00    69.91   906.62    0.31     0.30     0.61   -0.73     0.00     0.00     0.00     0.00    19.68     4.38
 740.    0.00     0.00    10.22   906.62    0.31     0.31     0.74    2.20     0.00     0.00     0.00     0.00    19.68     4.58
 745.    0.00     0.00    19.47   892.36    0.30     0.31     0.75   -0.52     0.00     0.00     0.00     0.00    19.72     4.82
 750.    0.00     0.00    29.72   889.51    0.31     0.30     0.68    0.33     0.00     0.00     0.00     0.00    19.79     4.25
 755.    0.00     0.00    40.13   886.66    0.29     0.30     0.71   -0.52     0.00     0.00     0.00     0.00    19.85     4.15
 760.    0.00     0.00    50.39   866.70    0.30     0.29     0.69   -0.64     0.00     0.00     0.00     0.00    19.88     3.71
 765.    0.00     0.00    59.67   841.04    0.28     0.30     0.69   -0.60     0.00     0.00     0.00     0.00    19.91     4.32
 770.    0.00     0.00    69.91   846.75    0.28     0.30     0.72   -0.68     0.00     0.00     0.00     0.00    19.91     4.26
 775.    0.00     0.00    10.22   821.09    0.28     0.29     0.65    2.23     0.00     0.00     0.00     0.00    19.95     4.91
 780.    0.00     0.00    19.47   812.53    0.28     0.29     0.71    1.43     0.00     0.00     0.00     0.00    19.95     4.71
 785.    0.00     0.00    29.72   815.39    0.28     0.29     0.68    0.40     0.00     0.00     0.00     0.00    19.89     4.90
 790.    0.00     0.00    40.14   786.88    0.27     0.29     0.68    0.11     0.00     0.00     0.00     0.00    19.98     3.88
 795.    0.00     0.00    50.38   769.77    0.26     0.29     0.69   -0.58     0.00     0.00     0.00     0.00    19.95     4.10
 800.    0.00     0.00    59.66   752.66    0.26     0.29     0.66    0.10     0.00     0.00     0.00     0.00    19.87     4.07
 805.    0.00     0.00    69.91   746.96    0.25     0.28     0.65   -0.72     0.00     0.00     0.00     0.00    19.96     3.56
 810.    0.00     0.00    10.22   735.56    0.24     0.27     0.64    1.95     0.00     0.00     0.00     0.00    19.98     4.13
 815.    0.00     0.00    19.47   715.60    0.24     0.28     0.63    1.40     0.00     0.00     0.00     0.00    19.99     4.07
 820.    0.00     0.00    29.73   718.45    0.24     0.26     0.62    0.08     0.00     0.00     0.00     0.00    20.01     4.07
 825.    0.00     0.00    40.14   712.75    0.24     0.27     0.62    0.06     0.00     0.00     0.00     0.00    20.00     3.53
 830.    0.00     0.00    50.38   707.05    0.23     0.26     0.62   -0.44     0.00     0.00     0.00     0.00    20.03     3.31
 835.    0.00     0.00    59.66   687.09    0.23     0.27     0.64   -0.65     0.00     0.00     0.00     0.00    20.03     3.74
 840.    0.00     0.00    69.91   684.24    0.23     0.27     0.62   -0.73     0.00     0.00     0.00     0.00    20.05     3.85
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TIME      42       43       44       45       46       47       48
   0.   -0.21     0.57    -1.15    -1.19     0.04     0.00     0.00
   0.    0.10    -0.39     0.04     0.15    -0.39     0.00     0.00
   0.    0.21    -0.06    -0.02     0.43     0.30     0.00     0.00
   0.    0.09     0.00     0.12     0.25     0.21     0.00     0.00
   0.    0.13    -0.15     0.11     0.19     0.21     0.00     0.00
   0.   -0.34     0.03     0.10     0.17    -0.38     0.00     0.00
   5.    1.33     0.22     0.07     0.23    -0.92     0.00     5.00
  10.    0.40     1.15    -0.39     0.33     0.77     0.00    10.00
  15.    1.57     0.83    -0.18     1.37    -1.22     0.16    15.00
  20.    1.67     1.04    -0.58    -1.53    -0.41     0.37    20.00
  25.    2.49     1.71    -0.04     0.38    -0.36     0.52    25.00
  30.    2.91     1.07     0.32    -0.37     0.01     0.70    30.00
  35.    2.68     1.51     0.17    -0.06    -0.96     0.81    35.00
  40.    2.03     2.66    -0.91     0.26     0.20     1.07    40.00
  45.    2.45     2.00     0.33    -0.22     0.52     1.31    45.00
  50.    2.95     1.75     1.45    -0.98    -0.67     1.71    50.00
  55.    4.31     2.68     0.49     0.10    -0.73     2.22    55.00
  60.    8.12     1.06     0.43    -0.22    -1.45     2.77    60.00
  65.    6.12     2.50    -0.41     0.47    -0.89     3.44    65.00
  70.    4.45     3.76     0.93    -1.53     0.55     4.01    70.00
  75.    8.43     1.03     0.50     0.84    -1.52     4.41    75.00
  80.    5.44     4.34     1.44    -0.34    -1.81     4.99    80.00
  85.    8.13     6.13    -2.09     0.44     1.08     5.41    85.00
  90.    5.90     3.10    -0.34     1.57     0.58     5.68    90.00
  95.    6.63     4.38     1.53    -0.48    -1.97     6.54    95.00
 100.    7.57     5.48    -0.38    -0.63     0.55     6.44   100.00
 105.    4.34     7.96    -0.33    -0.89     2.26     7.21   105.00
 110.    9.89     2.43    -1.07     1.70    -2.58     7.66   110.00
 115.    5.51     5.32     1.06    -3.58    -0.26     7.86   115.00
 120.    8.00     4.57    -1.56     0.42    -0.65     7.79   120.00
 125.    8.28     6.56    -2.39     1.17    -1.42     7.69   125.00
 130.   10.17     5.54    -1.36     0.45    -0.65     7.41   130.00
 135.    9.31     3.79    -1.92     1.91    -0.45     7.79   135.00
 140.    8.20     4.49    -1.12    -0.82     0.29     7.45   140.00
 145.   10.32     6.13    -2.71     1.06    -2.18     7.82   145.00
 150.    8.85     3.45     0.85    -0.62    -2.35     7.70   150.00
 155.    8.64     4.92    -2.09    -1.12     1.72     7.48   155.00
 160.    8.16     3.54     0.34    -0.99    -0.63     7.70   160.00
 165.    9.22     4.70    -2.98    -0.71    -1.03     7.53   165.00
 170.    8.27     5.14    -2.82    -0.51     1.01     7.29   170.00
 175.    8.24     4.31     1.05    -0.06    -2.66     7.35   175.00
 180.    7.77     7.05    -0.38    -0.85     0.90     7.44   180.00
 185.    8.57     3.21    -0.72     0.09    -1.34     7.33   185.00
 190.    7.55     4.26     0.52    -0.32    -1.07     7.00   190.00
 195.    6.85     4.07    -0.20    -0.16     1.20     7.18   195.00
 200.    7.26     6.41    -0.84     0.66     0.87     6.98   200.00
 205.    6.53     6.84    -0.02    -0.86     1.06     7.04   205.00
 210.    9.66     5.65     0.63    -0.99     0.78     7.14   210.00
 215.   10.29     5.77    -1.97     0.12    -0.39     6.84   215.00
 220.    6.43     8.58    -3.08    -0.58     1.23     6.95   220.00
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TIME       42       43       44       45       46        47       48
 225.     7.15     5.65     0.08     0.34     1.08     6.83   225.00
 230.     7.96     5.48    -1.34    -0.41     0.30     7.02   230.00
 235.     8.29     5.08    -0.53     1.53    -0.96     6.95   235.00
 240.    10.35     3.46    -0.03    -0.36    -1.38     6.80   240.00
 245.     6.61     7.26    -2.46    -1.60     0.97     6.72   245.00
 250.     9.20     1.19     1.29     0.66    -2.73     6.68   250.00
 255.     7.05     6.42    -0.34    -1.09     0.72     6.64   255.00
 260.     8.41     3.28     0.65    -1.01     1.58     6.58   260.00
 265.     7.86     6.21    -0.49     0.59    -1.34     6.68   265.00
 270.     5.73     5.91    -0.96    -0.01     1.80     6.53   270.00
 275.     7.82     3.46     1.64    -0.81    -0.35     6.64   275.00
 280.     7.24     5.16    -0.14    -1.42     3.01     6.55   280.00
 285.     6.77     4.54    -0.23    -0.26     1.40     6.50   285.00
 290.     4.72     7.75    -1.41    -0.76     1.32     6.40   290.00
 295.     8.38     5.88    -1.61    -1.27     1.29     6.22   295.00
 300.     9.54     3.25    -1.51     0.18    -0.64     6.33   300.00
 305.     8.41     3.67     0.17     0.55    -1.29     6.20   305.00
 310.     8.17     4.50    -1.05     1.46    -1.15     6.38   310.00
 315.     8.13     4.48    -0.28    -0.86    -0.26     6.39   315.00
 320.    10.14     4.51    -0.83    -0.88    -0.25     6.16   320.00
 325.     6.20     5.68    -0.54    -0.04     0.24     6.20   325.00
 330.     7.22     2.78     0.77    -1.11    -1.00     6.19   330.00
 335.     6.62     6.94    -0.77    -0.63    -0.00     6.07   335.00
 340.     8.98     3.90    -0.78    -0.44    -2.38     6.15   340.00
 345.     6.48     4.20     0.72    -0.12     0.39     6.01   345.00
 350.     7.02     4.20    -0.66    -0.10     0.07     6.04   350.00
 355.     6.79     5.58     0.71    -0.86     0.32     5.89   355.00
 360.     8.32     4.52    -1.05     1.22     0.50     5.87   360.00
 365.     7.04     5.94     0.54    -0.79    -1.63     5.97   365.00
 370.     8.06     6.03    -1.80    -0.73     0.48     6.01   370.00
 375.     6.64     4.24    -1.15     0.18    -0.05     5.91   375.00
 380.     7.74     5.15    -1.52    -0.23    -1.12     5.77   380.00
 385.     7.33     4.84     0.17    -0.41     0.11     5.55   385.00
 390.     8.45     5.69    -0.10    -0.85    -0.13     5.83   390.00
 395.     6.44     4.50     1.66    -0.50    -1.83     5.53   395.00
 400.     7.28     4.55    -1.37     0.16    -0.39     5.58   400.00
 405.     8.27     5.15    -1.28    -0.26    -2.70     5.30   405.00
 410.     6.67     5.20    -0.73     0.98    -0.71     5.62   410.00
 415.     7.13     5.27    -0.79     0.18    -0.47     5.42   415.00
 420.     7.66     4.45    -0.03    -0.34    -1.68     5.42   420.00
 425.     7.60     4.58    -1.02     0.38    -0.47     5.27   425.00
 430.     7.32     4.67    -0.89    -0.31    -0.00     5.19   430.00
 435.     8.11     4.21     0.26    -0.23    -0.71     5.12   435.00
 440.     8.31     4.28    -0.81     1.30    -2.22     5.30   440.00
 445.     6.60     4.34    -0.28    -0.83    -1.39     5.11   445.00
 450.     6.78     3.98    -0.30    -0.23    -0.67     5.16   450.00
 455.     7.03     4.20    -0.08    -0.66    -0.89     4.80   455.00
 460.     7.01     5.41    -1.10    -1.43     0.21     4.59   460.00
 465.     7.53     5.00    -0.96    -0.74     0.04     4.81   465.00
 470.     7.67     5.29    -0.79     0.47    -0.19     4.72   470.00
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TIME         42         43         44         45         46          47         48
 475.       6.59       4.64      -0.06      -0.67      -0.70        4.47     475.00
 480.       6.30       5.64       0.04      -0.75       0.14        4.63     480.00
 485.       6.67       3.99       0.36       0.03      -0.41        4.41     485.00
 490.       6.80       3.26      -0.68      -0.27       0.48        4.26     490.00
 495.       6.73       4.40      -0.64      -0.95      -0.55        4.22     495.00
 500.       6.69       4.66      -0.06      -1.27      -0.13        4.22     500.00
 505.       6.58       4.05      -0.41       0.21      -1.16        4.11     505.00
 510.       6.30       4.00      -0.71      -0.15      -0.67        4.06     510.00
 515.       6.57       4.51      -0.80       0.08      -1.00        3.81     515.00
 520.       6.49       4.07      -0.29      -0.11       0.11        3.90     520.00
 525.       6.18       4.50      -1.34      -0.63       1.03        3.80     525.00
 530.       6.46       4.14      -0.68       0.24      -1.15        3.43     530.00
 535.       6.24       3.98      -0.63       0.22      -0.28        3.20     535.00
 540.       6.71       3.95       0.25       0.01      -0.45        3.54     540.00
 545.       6.29       3.55      -0.12      -0.70      -0.83        3.33     545.00
 550.       6.24       3.05      -0.03       0.08      -0.15        3.30     550.00
 555.       5.27       4.25      -0.49      -0.53      -0.13        3.06     555.00
 560.       6.15       2.68       0.46      -0.27      -0.49        3.13     560.00
 565.       5.64       4.74      -1.10       0.35      -0.83        3.13     565.00
 570.       6.33       2.27      -0.14      -0.36      -1.51        3.04     570.00
 575.       6.15       3.46      -0.51      -0.60      -0.52        2.92     575.00
 580.       5.12       4.17      -0.65      -0.25      -0.52        2.90     580.00
 585.       5.47       3.21       0.46      -0.35      -0.55        2.93     585.00
 590.       5.90       3.79      -0.99      -0.16      -0.68        2.79     590.00
 595.       6.33       3.12       0.02      -0.31      -0.96        2.77     595.00
 600.       5.36       3.46      -0.32       0.38      -1.31        2.72     600.00
 605.       6.12       2.75      -0.47       0.31      -1.25        2.73     605.90
 610.       4.67       3.72      -0.20      -0.42      -0.23        2.56     610.00
 615.       5.31       3.16      -0.45      -0.49      -0.45        2.55     615.00
 620.       5.20       2.68      -0.13      -0.07      -1.09        2.55     620.00
 625.       5.10       3.77      -0.37      -0.58      -0.41        2.54     625.00
 630.       5.11       2.88      -0.40      -0.31      -0.78        2.44     630.00
 635.       4.97       3.08      -0.00      -0.06      -0.16        2.46     635.00
 640.       5.16       3.11      -0.06      -0.82       0.27        2.45     640.00
 645.       4.92       2.77      -0.25      -0.04      -0.39        2.44     645.00
 650.       5.32       3.26      -0.95       0.14      -0.42        2.32     650.00
 655.       4.64       3.08      -0.76      -0.59      -0.03        2.25     655.00
 660.       4.40       2.98      -0.36      -0.12      -0.80        2.22     660.00
 665.       4.08       2.60      -0.52      -0.13      -1.36        2.06     665.00
 670.       4.22       2.41      -0.01      -0.07      -1.09        2.00     670.00
 675.       4.06       3.06      -0.16      -0.27      -0.45        1.90     675.00
 680.       4.20       2.98      -0.61       0.16      -1.07        1.93     680.00
 685.       3.62       2.91      -0.39       0.12      -0.38        1.93     685.00
 690.       3.96       2.67      -0.16      -0.48      -0.63        1.85     690.00
 695.       4.69       2.60      -0.39       0.05      -0.41        1.81     695.00
 700.       3.40       2.75      -0.13      -0.13      -0.45        1.79     700.00
 705.       4.11       2.55      -0.48       0.06      -0.42        1.80     705.00
 710.       3.95       3.05      -0.63      -0.15      -0.96        1.75     710.00
 715.       3.42       2.80      -0.47       0.11      -0.89        1.71     715.00
 720.       3.93       2.41      -0.22       0.50      -0.93        1.64     720.00
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TIME       42       43       44       45       46       47       48
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 730.     3.94     2.08    -0.29    -0.35    -0.61     1.69   730.00
 735.     3.98     2.02    -0.13     0.07    -1.16     1.73   735.00
 740.     3.78     2.37    -0.18     0.19    -0.63     1.66   740.00
 745.     3.63     1.83     0.10    -0.50    -0.68     1.58   745.00
 750.     3.93     1.72    -0.05    -0.42    -0.67     1.49   750.00
 755.     3.33     1.84     0.16    -0.36    -0.13     1.39   755.00
 760.     3.26     2.58    -1.19     0.04    -0.68     1.38   760.00
 765.     3.51     1.99     0.07    -0.10    -0.35     1.31   765.00
 770.     3.90     2.05    -0.39    -0.49    -0.22     1.31   770.00
 775.     3.11     2.63    -0.32    -0.02    -0.74     1.25   775.00
 780.     2.89     2.33    -0.16    -0.01    -0.68     1.27   780.00
 785.     3.58     1.92    -0.40    -0.08    -0.83     1.23   785.00
 790.     2.98     2.28    -0.50    -0.40     0.14     1.27   790.00
 795.     3.18     2.21    -0.14    -0.21     0.17     1.30   795.00
 800.     2.96     2.29    -0.33    -0.18    -0.73     1.27   800.00
 805.     3.23     2.41    -0.76    -0.07    -0.31     1.24   805.00
 810.     3.22     2.20    -0.53     0.01    -0.16     1.18   810.00
 815.     2.70     1.54    -0.23     0.20    -0.73     1.23   815.00
 820.     2.92     1.56     0.16    -0.18    -0.60     1.19   820.00
 825.     3.56     1.52    -0.18     0.03    -0.47     1.21   825.00
 830.     3.06     1.57    -0.15     0.09    -0.93     1.12   830.00
 835.     2.68     2.10    -0.42    -0.12    -0.41     1.12   835.00
 840.     3.06     2.07    -0.36    -0.10    -0.68     1.12   840.00
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PRC1-P-1-1                                                                                    PAGE     1

  TIME        0         1         2         3         4         5         6         7         8         9        10        11        12        13
    0.    23.07     21.95     21.97     22.05     21.47     21.15     21.32     23.45     23.37     23.25     23.25     23.02     22.60     22.40
    0.    22.97     21.90     21.75     22.02     21.55     21.17     21.20     23.52     23.35     23.35     23.22     23.05     22.60     22.35
    0.    22.97     21.80     21.82     21.95     21.69     21.22     21.13     23.60     23.37     23.32     23.27     23.05     22.65     22.40
    0.    22.97     21.85     21.77     21.92     21.82     21.22     21.13     23.47     23.40     23.37     23.25     23.02     22.63     22.38
    0.    22.83     21.92     21.85     22.07     21.90     21.22     21.22     23.50     23.35     23.30     23.22     23.00     22.67     22.40
    0.    22.85     21.90     21.85     22.02     21.45     21.15     21.30     23.52     23.40     23.32     23.22     23.05     22.65     22.40
    5.    22.63     22.80     21.88     22.00     21.30     21.32     21.52     23.63     24.90     24.65     25.95     24.02     23.00     22.88
   10.    23.17     22.63     22.45     22.27     21.82     21.57     21.42     24.20     25.60     24.67     25.02     25.07     24.32     24.30
   15.    23.37     27.25     22.45     22.45     22.05     21.42     21.02     24.00     30.02     27.15     26.32     26.00     26.13     26.20
   20.    32.05     23.07     22.45     22.55     22.10     21.92     21.25     26.30     39.76     30.78     29.39     29.49     30.08     28.92
   25.    43.02     23.37     22.50     22.67     22.15     21.85     21.22     28.65     50.98     39.51     39.80     37.46     38.17     33.24
   30.    53.17     27.15     22.63     22.82     22.05     21.85     21.50     30.51     60.14     50.34     51.78     49.05     46.76     41.39
   35.    66.59     29.82     22.82     22.82     22.00     21.65     21.38     33.78     72.24     57.51     58.80     57.61     57.17     49.83
   40.    70.56     33.56     23.00     22.82     22.00     22.05     21.47     36.68     78.17     71.34     67.57     66.76     66.40     59.81
   45.    86.24     32.22     23.22     22.97     21.97     21.97     21.35     40.34     91.59     80.57     79.07     78.63     79.29     78.54
   50.   107.41     32.51     23.47     23.20     22.12     21.77     21.30     45.05    108.76     95.40     93.29     92.43     91.40     88.50
   55.   124.61     54.22     24.05     23.80     22.25     22.05     21.47     49.71    124.85    115.17    111.80    107.54    106.61    107.15
   60.   143.45     85.05     24.27     24.15     22.22     22.12     21.85     56.40    143.50    138.20    136.00    128.32    124.44    121.37
   65.   150.57     95.38     23.50     24.25     22.17     22.33     22.20     62.24    175.27    169.75    165.52    146.90    143.80    143.47
   70.   180.75    104.41     23.10     24.63     22.63     22.17     21.90     71.02    201.39    193.70    183.65    165.42    163.00    153.67
   75.   195.10     75.44     30.56     24.85     22.77     22.52     22.42     79.34    220.77    201.22    198.32    188.17    181.22    180.62
   80.   199.62     97.07     23.92     25.07     22.72     22.35     21.95     85.29    224.47    203.76    200.17    199.40    200.32    200.68
   85.   213.95    152.32     25.90     25.27     22.83     22.32     21.80     90.36    225.05    218.22    217.20    216.30    214.00    201.59
   90.   216.60    141.10     25.17     25.22     22.47     22.72     22.25     97.36    233.30    225.17    223.57    221.35    215.47    199.15
   95.   203.78    141.35     28.92     25.22     22.07     22.17     22.05    107.88    245.83    242.63    237.58    228.49    220.05    207.29
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  105.   198.95    113.73     40.34     24.75     22.27     22.30     22.00    116.34    241.98    230.37    230.90    226.25    223.40    221.57
  110.   205.68    157.02     41.00     24.82     22.30     22.22     22.10    118.24    240.80    231.49    229.38    228.07    227.55    219.27
  115.   200.61    162.32     47.29     24.88     22.55     22.32     22.03    122.37    246.10    231.83    232.65    231.13    225.57    217.07
  120.   207.39    165.17     44.56     25.25     22.57     22.50     22.02    126.07    254.90    236.68    230.07    230.60    228.00    226.95
  125.   204.59    166.32     47.22     26.05     22.60     22.22     21.90    127.58    242.02    233.25    229.45    230.50    230.57    226.80
  130.   200.80    146.60     44.71     27.12     22.45     22.45     22.05    125.00    235.00    226.35    222.47    221.42    207.10    203.46
  135.   202.22    149.05     60.05     25.30     22.60     22.52     22.30    125.93    227.90    226.55    224.08    222.57    214.27    202.05
  140.   201.46    137.92     58.15     25.20     22.47     22.50     22.02    130.34    236.83    226.97    221.02    220.82    214.47    202.93
  145.   205.41    139.47     73.66     25.35     22.45     22.33     21.80    127.12    228.15    229.32    223.37    220.40    205.22    199.12
  150.   199.00     95.88     72.95     25.02     22.35     22.32     22.22    127.95    229.97    222.97    222.97    220.27    218.42    206.10
  155.   199.10    162.70     77.73     25.27     23.72     22.65     21.92    128.34    230.80    219.88    217.07    214.57    201.34    202.90
  160.   202.15    184.55     58.98     27.35     22.20     22.30     22.32    129.37    230.17    227.97    222.12    219.45    205.39    198.56
  165.   199.27    129.61     59.05     26.02     22.97     22.63     22.12    134.77    235.19    233.00    226.15    224.52    215.47    206.90
  170.   200.98    162.38     61.31     25.63     23.30     22.35     22.45    133.47    227.90    224.42    220.75    216.07    203.34    201.46
  175.   200.38    196.72     61.86     25.88     23.15     22.72     22.15    129.58    222.30    218.07    221.00    218.10    216.05    216.20
  180.   202.38    187.07     70.90     25.80     23.20     22.85     22.15    133.62    223.90    221.32    221.10    219.47    216.90    218.72
  185.   202.77    129.80     76.71     25.88     23.35     23.10     22.17    136.72    224.32    218.97    215.12    207.66    201.73    205.17
  190.   189.25    150.52     56.63     26.35     23.72     23.15     22.32    134.02    220.95    207.15    206.63    206.12    202.51    201.35
  195.   190.42    160.30     43.69     26.17     23.05     23.07     22.22    128.03    213.97    207.68    206.24    202.54    203.15    202.80
  200.   179.82    141.72     46.51     26.17     23.13     22.83     22.30    120.41    202.73    198.98    200.82    198.00    192.00    187.75
  205.   182.82    125.44     44.15     25.75     23.00     22.88     22.63    125.54    198.00    196.05    192.95    191.92    189.47    183.77
  210.   175.20    143.77     43.12     25.65     23.10     22.70     22.30    126.61    202.25    191.47    192.60    192.22    188.13    187.50
  215.   177.15    147.22     48.95     25.45     23.25     22.92     22.02    127.39    199.46    199.07    197.07    195.35    193.12    192.15
  220.   182.90    128.19     63.21     25.67     22.63     22.30     22.20    128.10    198.34    198.27    199.69    199.65    195.32    196.60
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230.	184.02	125.46	53.49	24.85	22.22	22.15	22.32	127.12	200.55	194.62	195.40	194.97	193.07	192.10
235.	182.47	142.47	71.44	25.40	22.12	22.22	22.22	127.58	202.62	197.32	199.15	197.62	193.65	188.60
240.	181.52	85.21	59.17	25.42	22.32	22.25	22.20	128.63	198.58	195.67	193.45	193.30	186.85	183.82
245.	180.60	110.27	66.17	25.47	22.55	22.30	22.85	127.98	200.25	194.82	191.35	189.38	184.00	180.65
250.	176.90	108.46	59.26	23.90	22.57	22.27	22.07	126.19	192.90	188.32	187.47	187.32	183.85	181.22
255.	173.35	120.66	66.29	26.63	22.65	22.32	22.17	127.80	200.50	190.32	190.47	189.45	188.22	186.95
260.	179.40	127.44	75.15	25.15	22.92	22.65	22.12	129.76	200.10	193.30	189.20	188.47	185.65	185.52
265.	174.80	151.70	78.93	24.70	22.67	22.50	22.07	128.73	195.80	193.20	194.05	191.27	183.35	184.35
270.	175.80	163.97	76.46	24.40	22.32	22.20	22.00	127.76	193.05	189.47	192.63	190.30	184.40	183.92
275.	178.57	112.88	69.93	24.70	22.38	22.22	22.05	127.80	191.30	190.30	188.80	187.60	183.00	185.25
280.	170.95	110.90	57.71	28.85	22.80	22.38	22.38	126.32	189.40	184.57	185.52	183.77	173.95	177.07
285.	172.22	93.52	71.27	26.25	22.60	22.40	22.20	126.49	189.00	185.20	186.13	184.30	177.05	178.82
290.	173.63	112.90	77.71	27.57	22.77	22.47	22.20	126.66	192.30	188.92	186.40	182.88	179.77	178.92
295.	169.67	141.70	55.58	28.83	22.88	22.05	22.40	125.63	186.63	184.10	181.72	179.90	176.20	176.05
300.	167.20	102.27	55.83	25.75	22.75	22.22	21.92	123.37	182.32	176.22	179.07	177.82	171.92	174.55
305.	164.20	107.80	74.44	24.83	22.07	22.33	22.38	123.32	182.50	176.67	176.55	174.13	168.77	167.95
310.	166.10	114.83	59.40	24.97	22.67	22.07	22.25	124.24	181.60	175.77	175.70	173.22	167.27	165.62
315.	163.13	113.32	67.81	25.72	22.35	22.65	22.30	124.10	180.82	176.17	172.50	170.95	170.32	170.07
320.	159.15	118.24	59.64	26.75	22.47	22.38	23.00	122.51	174.57	173.60	173.05	170.15	167.88	167.45
325.	159.20	135.42	57.32	26.82	22.60	22.17	22.32	120.93	175.57	171.97	173.37	171.20	170.30	170.57
330.	156.15	82.02	51.54	25.07	22.52	22.25	22.05	120.98	175.10	172.05	171.42	168.67	162.30	163.32
335.	155.92	107.24	63.62	30.44	22.67	22.42	22.63	122.12	176.80	175.35	175.50	173.30	168.20	163.97
340.	156.60	115.95	50.24	29.25	22.57	22.27	22.20	122.61	177.82	173.50	173.00	169.67	168.32	165.45
345.	159.13	122.85	76.98	27.32	22.38	22.40	21.85	121.44	174.22	174.05	171.57	168.15	162.72	159.75
350.	155.20	84.90	74.49	25.52	23.37	22.60	22.20	121.27	173.92	172.50	167.17	163.80	160.12	159.22
355.	148.95	93.33	57.10	26.75	23.00	22.92	22.30	120.41	170.27	168.17	163.75	160.70	158.70	162.07
360.	149.97	96.19	52.71	25.75	22.72	22.27	21.90	119.80	167.55	163.20	161.07	160.17	158.57	160.10
365.	149.52	104.22	57.29	25.50	22.42	22.25	22.10	119.19	168.35	164.95	164.22	158.82	155.77	158.00
370.	151.07	117.05	48.63	25.02	22.45	22.22	22.22	117.80	164.27	159.55	161.63	159.22	157.30	160.20
375.	150.37	105.95	52.05	25.32	22.52	22.47	22.05	117.66	161.75	160.65	160.25	158.20	155.82	153.90
380.	147.57	91.48	53.93	25.90	22.88	22.38	22.00	117.61	165.27	160.20	159.95	159.27	156.00	152.05
385.	150.57	104.85	69.56	25.20	22.52	22.52	22.10	117.88	162.60	159.52	157.55	158.10	157.85	157.25
390.	145.67	85.79	58.58	25.32	22.32	22.32	22.20	117.49	159.07	156.22	154.90	155.25	154.50	153.20
395.	138.75	95.17	55.61	24.88	23.02	22.72	22.40	116.68	158.70	154.45	155.30	155.90	155.05	154.22
400.	140.77	117.93	53.85	25.35	23.57	22.33	22.32	115.85	157.10	155.22	151.50	151.85	149.97	151.72
405.	137.22	101.10	61.17	25.38	23.27	22.70	21.77	114.12	151.15	148.60	145.95	147.08	146.15	148.90
410.	128.90	78.38	53.49	25.67	23.32	22.72	22.22	113.66	149.92	146.92	146.02	146.97	145.10	143.55
415.	125.63	93.21	40.17	25.67	23.15	22.90	22.47	112.83	147.02	144.45	142.95	142.85	139.92	139.95
420.	126.24	77.76	48.76	25.57	22.67	22.35	22.35	111.63	141.85	141.05	140.85	140.85	137.15	134.82
425.	124.85	95.76	34.71	24.88	23.00	22.42	22.42	110.05	139.35	137.25	137.35	136.49	129.34	128.05
430.	120.51	84.64	43.63	24.63	23.40	22.55	21.90	108.61	136.30	135.40	135.02	134.37	128.83	126.49
435.	119.56	95.98	38.85	24.38	22.92	22.60	21.95	107.51	134.45	133.37	133.70	129.19	126.44	124.15
440.	118.90	84.24	36.41	24.42	24.15	23.45	21.80	106.39	128.54	128.02	127.39	126.49	124.15	124.73
445.	117.02	73.15	40.73	24.27	23.13	24.15	21.85	105.27	125.34	124.63	124.34	124.39	121.58	122.34
450.	114.63	75.71	33.24	24.13	23.00	22.38	22.38	104.44	124.27	124.32	124.58	122.78	118.78	118.85
455.	114.63	79.50	34.37	24.20	23.45	22.42	21.95	103.61	122.88	122.34	121.56	120.17	117.85	120.37
460.	111.56	73.66	37.76	24.70	23.27	23.15	22.05	102.80	122.54	121.37	121.07	120.54	116.68	115.51
465.	110.73	66.14	42.71	24.63	22.70	22.90	21.92	102.15	122.29	119.66	118.80	117.27	113.12	110.76
470.	108.83	59.24	42.32	24.15	22.47	22.45	22.35	101.27	119.78	118.88	118.02	117.17	114.58	110.45

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PRC1-P-1-1                                                              PAGE     3

TIME        0       1       2       3       4       5       6       7       8       9      10      11      12      13
 475.   109.44   70.71   32.83   24.67   22.85   22.35   21.80 • 100.44  117.29  117.39  115.85  113.03  112.24  111.73
 480.   105.12   73.12   29.73   24.92   23.50   22.42   21.97   97.09  115.41  114.63  114.41  113.08  111.15  110.12
 485.   104.78   58.46   35.08   24.55   22.30   22.45   22.10   96.29  114.63  113.61  113.41  112.22  109.41  107.80
 490.   103.61   62.00   37.44   24.50   22.47   22.42   21.92   95.40  112.12  111.41  110.08  109.02  104.80  101.56
 495.   102.12   51.51   41.51   24.22   22.40   22.19   22.25   94.50  110.17  109.63  109.19  107.46  102.49  101.49
 500.   101.44   62.69   40.19   24.47   22.35   22.22   21.82   93.59  108.41  107.44  106.02  105.93   97.29   95.43
 505.    95.07   58.46   35.44   27.88   22.40   22.02   21.97   92.76  106.58  105.56  105.63  105.07  101.95  101.05
 510.    94.81   52.78   38.07   27.77   22.50   22.12   21.63   91.90  104.50  103.78  103.39  103.10  100.95   96.31
 515.    92.90   58.07   42.34   24.97   22.25   22.15   22.05   91.14  103.49  102.83  102.00  101.22   95.90   95.67
 520.    90.52   57.15   37.41   24.63   22.45   22.25   21.55   90.36  102.76  102.22  101.05  100.17   96.07   90.95
 525.    90.12   51.22   40.63   24.05   22.63   22.25   21.65   89.81  101.12  100.32   95.71   95.81   92.74   89.24
 530.    90.62   48.05   38.98   25.88   22.35   22.22   21.92   89.14   96.79   96.48   94.76   94.21   91.98   88.93
 535.    87.62   51.78   36.95   25.22   22.63   21.75   21.47   88.33   95.07   94.74   94.00   92.98   91.17   86.55
 540.    86.88   53.56   34.61   25.10   22.80   21.95   22.10   87.55   92.55   92.69   91.95   90.95   87.14   85.50
 545.    84.43   49.61   29.65   24.22   22.73   22.05   21.65   86.81   91.26   91.00   90.17   89.69   86.64   83.90
 550.    83.57   50.02   30.44   24.35   23.35   21.90   21.57   86.05   89.59   89.45   83.98   88.55   85.17   82.14
 555.    83.21   47.80   35.15   24.55   22.85   22.35   21.65   85.36   89.50   87.95   86.79   86.12   80.55   78.69
 560.    82.55   44.12   36.44   24.13   22.20   22.00   22.12   84.62   87.17   87.05   86.49   85.03   78.88   76.37
 565.    80.48   41.44   36.46 . 24.25   21.95   21.95   21.85   83.95   85.64   85.88   85.64   84.69   79.19   77.27
 570.    78.52   42.17   35.10   24.65   22.25   21.73   21.80   83.21   84.24   83.67   83.33   82.90   79.62   78.02
 575.    73.12   46.56   36.73   24.93   22.20   21.95   21.72   82.50   82.76   82.81   81.03   81.29   76.00   70.49
 580.    75.88   38.80   34.56   24.13   22.20   21.75   21.92   81.86   81.06   81.93   80.98   79.93   76.34   67.03
 585.    74.41   38.07   33.44   24.07   22.45   22.15   22.00   81.14   80.98   81.09   79.12   79.32   73.71   66.93
 590.    69.63   41.02   36.63   23.65   21.82   21.95   21.55   80.40   79.26   78.62   77.41   77.17   71.12   62.62
 595.    65.90   38.65   33.76   23.30   22.55   21.99   21.90   79.86   78.48   78.24   75.78   74.12   67.76   61.53
 600.    63.17   43.71   33.05   24.77   22.45   22.07   21.77   79.19   78.44   76.93   74.10   72.95   65.00   59.93
 605.    61.05   39.83   34.34   25.35   22.57   22.07   21.52   78.62   77.56   76.02   72.24   70.63   62.62   59.12
 610.    60.24   39.85   32.71   25.35   22.20   21.67   21.67   78.09   76.98   74.98   70.24   66.21   61.48   58.95
 615.    59.79   37.41   33.32   24.07   22.12   21.97   21.83   79.41   75.66   72.90   67.02   64.90   60.50   57.63
 620.    59.17   38.02   34.39   23.47   22.33   21.95   21.97   78.85   75.71   72.68   66.19   63.79   59.14   56.19
 625.    57.22   36.88   32.22   23.70   22.63   22.17   22.05   78.41   75.39   72.22   65.07   62.95   59.43   54.80
 630.    55.46   36.80   31.68   24.22   22.85   22.30   21.70   77.95   74.73   71.05   64.57   61.31   57.88   55.02
 635.    55.10   38.71   28.63   23.82   23.70   22.47   21.52   77.46   73.90   69.95   63.71   59.86   57.50   54.41
 640.    55.22   38.37   28.05   24.27   23.05   23.02   21.32   77.05   73.63   70.00   63.49   59.08   56.34   54.02
 645.    55.98   34.29   28.50   23.60   23.10   22.82   21.67   76.58   72.78   66.55   62.21   59.07   55.93   53.69
 650.    53.45   42.41   29.17   23.45   22.00   22.00   22.22   76.17   72.32   66.90   61.80   58.12   55.00   52.85
 655.    51.39   40.78   30.44   23.63   23.00   22.92   22.40   75.00   71.68   66.62   61.31   58.49   54.80   52.19
 660.    53.49   36.93   30.41   24.25   24.30   23.72   22.27   75.19   71.46   66.19   59.80   58.24   55.15   51.71
 665.    53.46   37.24   26.80   24.13   24.07   23.50   22.35   75.00   71.22   65.43   59.64   58.29   55.93   51.66
 670.    52.02   33.44   27.05   24.13   23.37   22.40   22.15   74.54   70.54   65.17   60.36   58.59   55.85   52.44
 675.    52.71   36.17   29.51   24.00   23.10   22.57   21.95   74.19   67.55   63.55   59.26   58.34   55.74   52.00
 680.    50.51   34.85   26.00   24.32   23.50   22.22   21.63   73.83   69.63   63.05   58.83   57.63   54.95   51.29
 685.    51.63   33.63   28.32   23.60   22.42   22.00   21.60   73.46   69.56   62.93   59.17   57.00   53.80   50.41
 690.    49.90   37.56   30.05   23.57   22.95   22.10   21.52   73.12   67.57   62.81   59.17   56.10   52.61   50.73
 695.    47.12   37.98   27.05   23.50   23.20   22.67   21.72   72.78   67.24   62.38   58.19   55.32   52.22   49.10
 700.    49.58   38.78   30.07   23.47   23.07   22.32   21.67   72.44   67.31   63.12   58.32   54.49   50.98   48.63
 705.    49.05   34.85   25.92   23.60   22.55   21.99   21.80   72.05   66.69   62.49   57.95   54.24   50.54   48.51
 710.    47.83   37.34   29.83   23.97   22.85   22.32   21.77   71.00   66.55   62.48   57.66   53.50   49.71   48.19
 715.    47.46   38.19   30.98   23.80   23.20   22.09   21.63   71.49   66.19   62.03   57.10   52.93   49.61   48.07
 720.    46.66   33.51   28.50   24.27   23.25   22.55   21.80   71.12   66.95   62.30   57.39   53.37   50.05   48.39
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PRC1-P-1-1
                                                                                 PAGE    4
TIME       0        1        2        3        4        5        6        7        8        9       10       11       12       13
 725.    47.51    31.83    29.52    23.85    23.57    23.02    21.70    70.83    65.67    61.55    56.37    52.78    49.32    48.73
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TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
  0.    22.10    22.07    21.97    21.90    21.77    21.72    21.55    21.50    21.07    22.07    23.40     0.00     0.00     0.00
  0.    22.12    22.00    21.97    21.89    21.77    21.77    21.55    21.50    21.13    22.02    23.35     0.00     0.00     0.00
  0.    22.07    22.05    22.00    21.85    21.77    21.77    21.55    21.50    21.10    22.05    23.37     0.00     0.00     0.00
  0.    22.10    22.05    21.97    21.90    21.75    21.75    21.57    21.50    21.17    22.05    23.35     0.00     0.00     0.00
  0.    22.07    22.02    22.00    21.85    21.70    21.80    21.57    21.60    21.15    22.05    23.32     0.00     0.00     0.00
  0.    22.10    22.05    21.95    21.85    21.72    21.82    21.65    21.60    21.25    22.00    23.37     0.00     0.00     0.00
  5.    22.65    22.57    22.45    22.25    22.17    21.77    21.82    21.88    21.38    22.05    23.50     0.00     0.00     0.00
 10.    23.75    23.02    22.85    22.55    22.32    22.22    22.02    22.05    21.50    22.17    23.95     0.00     0.00     0.00
 15.    25.42    26.00    24.00    22.95    22.77    22.53    22.27    22.30    21.70    22.82    24.57     0.00     0.00     0.00
 20.    26.65    24.70    23.92    23.37    23.13    23.22   .22.70    22.82    21.97    24.35    25.72     0.00     0.00     0.00
 25.    27.32    25.10    24.32    23.97    23.72    24.13    23.07    23.40    22.12    26.47    27.42     0.00     0.00     0.00
 30.    32.66    27.50    25.57    24.65    24.45    24.95    23.60    24.13    22.45    28.63    29.22     0.00     0.00     0.00
 35.    33.10    29.27    27.35    25.42    25.52    25.17    24.27    24.92    22.97    30.63    31.24     0.00     0.00     0.00
 40.    44.12    31.80    28.45    26.57    26.27    27.52    25.15    26.00    23.63    33.56    34.44     0.00     0.00     0.00
 45.    52.17    34.93    29.63    29.30    27.77    29.13    25.87    26.72    24.70    37.44    37.54     0.00     0.00     0.00
 50.    76.90    37.71    30.44    29.67    29.07    29.95    27.07    28.02    25.02    39.00    42.15     0.00     0.00     0.00
 55.    95.45    43.46    33.10    30.80    29.83    32.12    28.47    29.15    25.57    44.41    47.71     0.00     0.00     0.00
 60.   115.22    64.19    36.19    33.12    30.61    36.27    29.83    30.56    26.32    49.90    52.68     0.00     0.00     0.00
 65.   122.39    61.14    40.10    34.76    32.24    37.05    31.05    32.27    26.92    53.54    60.43     0.00     0.00     0.00
 70.   138.25    61.48    44.02    37.44    35.54    40.88    32.93    34.05    28.85    59.55    67.36     0.00     0.00    -0.00
 75.   169.15    85.24    45.90    40.93    39.89    44.68    34.34    36.46    29.47    64.57    77.73     0.00     0.00     0.00
 80.   185.65    93.40    52.29    43.24    40.24    40.22    37.29    38.54    30.17    75.24    83.40     0.00     0.00     0.00
 85.   195.32   128.90    57.00    49.29    44.34    43.63    36.51    36.56    30.76    78.02    83.33     0.00     0.00     0.00
 90.   201.02   145.25    59.93    52.00    47.15    50.80    37.49    40.95    30.41    84.90    94.86     0.00     0.00     0.00
 95.   200.55   137.10    60.12    51.10    45.95    54.17    39.78    41.83    30.22    87.00   105.22     0.00     0.00     0.00
100.   204.83   128.41    67.76    56.12    46.07    54.69    43.65    45.22    30.98    91.57   109.17     0.00     0.00     0.00
105.   200.00   143.10    64.02    57.12    49.45    52.15    43.24    44.05    31.90   101.68   112.95     0.00     0.00     0.00
110.   207.63   155.38    66.38    59.17    54.34    53.12    40.93    43.61    35.12   111.22   116.17     0.00     0.00     0.00
115.   200.24   156.50    74.85    62.59    51.78    50.29    43.61    46.05    35.02   115.05   120.95     0.00     0.00     0.00
120.   202.29   170.25    73.24    62.00    50.99    57.90    44.17    44.24    34.10   115.27   124.12     0.00     0.00     0.00
125.   202.80   149.55    73.34    62.31    52.68    55.24    44.93    46.22    34.55   112.49   123.58     0.00     0.00     0.00
130.   193.57   149.90    70.63    63.25    52.39    56.73    47.22    47.44    34.32   107.15   121.17     0.00     0.00     0.00
135.   198.85   167.65    81.95    64.79    54.27    59.12    45.46    47.05    34.12   105.71   122.34     0.00     0.00     0.00
140.   195.92   169.95    88.29    64.09    59.65    61.55    43.41    44.73    35.24   106.05   125.19     0.00     0.00     0.00
145.   192.22   171.92   101.54    69.73    57.83    59.21    48.05    45.51    36.85   109.76   122.41     0.00     0.00     0.00
150.   199.58   182.75   124.90    83.50    59.49    59.31    43.56    46.41    36.29   110.61   125.10     0.00     0.00     0.00
155.   202.07   175.25   124.76    83.60    62.25    58.20    45.60    46.29    37.46   113.29   125.34     0.00     0.00     0.00
160.   201.07   181.27   144.63    90.83    56.73    57.37    45.51    45.07    37.00   114.05   125.02     0.00     0.00     0.00
165.   198.46   178.82   122.90    79.95    53.76    58.97    45.29    45.34    38.56   113.12   129.24     0.00     0.00     0.00
170.   197.25   181.45   140.38    85.19    64.21    57.15    45.90    45.78    39.24   112.09   125.90     0.00     0.00     0.00
175.   199.73   178.55   136.02    81.71    64.35    59.17    45.76    48.54    40.29   110.44   128.90     0.00     0.00     0.00
180.   203.07   182.05   139.30    84.98    59.26    60.24    41.95    45.56    38.24   106.51   127.46     0.00     0.00     0.00
185.   198.32   176.65   128.83    85.83    62.19    61.17    45.08    44.88    37.27   106.15   127.39     0.00     0.00     0.00
190.   192.67   173.15   121.15    82.74    65.14    61.43    41.51    43.22    37.93   110.68   125.24     0.00     0.00     0.00
195.   197.42   174.42   118.24    82.88    62.33    62.71    45.32    43.80    37.46   103.88   123.90     0.00     0.00     0.00
200.   182.90   144.12   109.19    79.45    58.46    57.65    42.89    41.63    36.95    94.45   125.05     0.00     0.00     0.00
205.   172.77   154.05   127.34    78.32    55.83    55.00    40.73    42.88    35.61   100.07   121.12     0.00     0.00     0.00
210.   176.63   157.72   109.73    77.68    59.21    60.31    42.63    44.56    37.51    96.40   124.19     0.00     0.00     0.00
215.   179.62   162.72   117.80    76.73    51.55    57.54    42.95    45.24    38.56   102.66   124.24     0.00     0.00     0.00
220.   188.25   163.17   120.07    79.49    55.41    53.85    45.05    42.17    39.37   106.44   126.49     0.00     0.00     0.00
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TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
 225.   191.45   165.97   115.32    74.93    52.24    54.58    46.68    48.61    36.85   108.00   124.49     0.00     0.00     0.00
 230.   165.87   147.55   119.49    79.36    61.59    51.05    41.12    42.29    37.46   103.32   125.05     0.00     0.00     0.00
 235.   173.45   145.02   108.19    78.09    62.49    58.39    41.00    43.51    36.76    96.43   126.02     0.00     0.00     0.00
 240.   171.32   148.67   108.12    78.49    55.63    57.56    45.93    45.12    37.22   103.12   126.29     0.00     0.00     0.00
 245.   174.02   152.80   105.05    76.07    58.26    60.29    47.05    44.56    37.98   102.32   125.51     0.00     0.00     0.00
 250.   174.67   152.10    96.21    77.64    55.88    59.45    47.93    45.29    38.51   101.05   122.78     0.00     0.00     0.00
 255.   175.77   136.65   102.34    77.83    57.93    61.17    45.07    46.29    39.00   106.56   125.32     0.00     0.00     0.00
 260.   183.57   161.50   105.24    76.24    56.61    59.93    49.10    44.83    38.00   113.73   126.58     0.00     0.00     0.00
 265.   179.57   165.25   134.32    88.48    74.03    65.93    49.10    45.19    39.22   107.83   125.02     0.00     0.00     0.00
 270.   180.65   156.42   123.78    86.74    64.53    62.48    43.83    44.29    38.19   101.63   122.76     0.00     0.00     0.00
 275.   180.09   154.38   127.27    82.55    63.05    63.05    45.80    43.49    38.34   101.19   122.58     0.00     0.00     0.00
 280.   172.40   153.52   106.78    76.44    55.99    57.49    45.63    45.54    38.12    96.26   121.58     0.00     0.00     0.00
 285.   171.88   148.85   111.89    77.49    59.43    61.19    47.00    45.22    38.93   100.27   123.05     0.00     0.00     0.00
 290.   173.85   155.82   116.88    76.05    58.49    59.12    48.51    45.39    39.41   104.63   122.19     0.00     0.00     0.00
 295.   172.55   155.30    97.07    76.68    63.62    55.27    46.02    43.61    38.24   103.32   120.54     0.00     0.00     0.00
 300.   171.32   147.15   112.22    81.52    64.31    69.45    44.80    44.19    35.78    94.59   119.07     0.00     0.00     0.00
 305.   167.00   152.27   114.76    82.45    59.05    57.83    43.10    41.80    37.44    92.76   118.71     0.00     0.00     0.00
 310.   161.92   145.77   108.27    79.07    56.83    55.65    48.56    46.15    38.05    95.83   119.37     0.00     0.00     0.00
 315.   163.30   146.75   110.68    76.83    58.56    57.41    45.17    44.29    38.17    95.93   119.46     0.00     0.00     0.00
 320.   166.40   151.32    92.38    71.98    56.73    59.59    42.61    42.15    37.54    94.59   117.90     0.00     0.00     0.00
 325.   164.62   137.50    84.59    70.58    60.43    59.35    44.22    43.95    37.58    90.93   115.63     0.00     0.00     0.00
 330.   156.02   121.54    85.90    70.24    56.71    62.71    48.41    45.37    36.24    92.38   118.12     0.00     0.00     0.00
 335.   155.80   125.93    93.57    74.41    56.15    57.09    49.00    47.71    36.54    96.19   117.73     0.00     0.00     0.00
 340.   154.27   120.95    84.19    70.12    55.71    53.34    45.41    47.54    35.71    96.48   118.05     0.00     0.00     0.00
 345.   152.57   129.05    89.98    70.85    57.44    53.41    44.22    45.12    37.54    95.76   116.98     0.00     0.00     0.00
 350.   154.75   128.41    92.76    71.95    54.98    53.09    47.27    45.00    38.41    94.45   115.15     0.00     0.00     0.00
 355.   155.82   124.12    86.79    69.66    56.83    58.93    46.93    47.10    38.61    96.45   115.02     0.00     0.00     0.00
 360.   159.77   126.85    90.00    71.07    55.40    61.69    46.10    40.05    38.80    94.74   115.07     0.00     0.00     0.00
 365.   153.45   125.51    81.59    64.36    55.00    58.41    45.37    47.61    35.61    90.33   114.17     0.00     0.00     0.00
 370.   155.90   123.27    90.79    69.54    52.85    53.34    42.63    42.27    36.10    86.95   112.58     0.00     0.00     0.00
 375.   143.02   116.98    87.07    65.26    54.71    55.65    44.32    42.68    36.34    88.50   112.46     0.00     0.00     0.00
 380.   145.25   123.54    93.76    71.27    56.73    56.30    41.95    40.49    36.80    91.86   114.02     0.00     0.00     0.00
 385.   153.60   121.27    87.69    67.48    58.09    56.17    45.08    44.85    38.90    91.36   112.83     0.00     0.00     0.00
 390.   147.85   120.85    83.79    65.88    55.29    55.61    47.15    47.95    39.93    91.21   112.02     0.00     0.00     0.00
 395.   147.12   114.05    80.48    67.55    57.63    58.08    45.61    50.07    40.02    94.36   111.88     0.00     0.00     0.00
 400.   145.05   110.22    79.49    61.74    48.99    52.53    47.12    47.34    39.51    90.26   110.41     0.00     0.00     0.00
 405.   142.07   113.34    78.50    63.26    50.10    53.51    45.05    45.27    37.63    86.95   108.37     0.00     0.00     0.00
 410.   134.65   107.17    78.02    61.05    50.71    51.58    42.46    42.61    37.65    84.36   109.54     0.00     0.00     0.00
 415.   135.52   101.73    72.07    59.17    51.05    51.95    41.98    43.19    37.49    81.50   107.61     0.00     0.00     0.00
 420.   124.76    93.83    72.93    58.38    51.02    52.05    44.00    40.66    36.98    79.34   105.29     0.00     0.00     0.00
 425.   122.49    96.59    76.85    61.33    49.51    51.00    41.10    38.90    34.07    77.49   103.93     0.00     0.00     0.00
 430.   118.66    93.74    74.12    59.19    49.56    51.73    41.71    39.58    33.10    78.78   102.54     0.00     0.00     0.00
 435.   107.02    89.31    70.46    58.22    46.10    49.51    42.00    38.98    33.58    75.44   101.61     0.00     0.00     0.00
 440.   112.76    92.31    74.93    58.98    50.12    48.71    38.73    38.39    33.24    73.68    97.55     0.00     0.00     0.00
 445.   111.83    89.52    72.61    58.24    45.27    45.99    38.90    37.49    32.85    73.05    97.00     0.00     0.00     0.00
 450.   112.63    80.24    64.40    56.78    46.22    41.40    36.66    38.37    33.17    74.46    95.95     0.00     0.00     0.00
 455.   108.63    82.90    62.09    56.46    43.73    42.95    37.93    37.29    32.32    73.56    95.00     0.00     0.00     0.00
 460.   109.44    84.79    64.31    56.10    40.90    41.95    37.95    37.44    31.49    70.17    93.95     0.00     0.00     0.00
 465.   101.51    78.33    60.55    54.49    42.51    43.09    37.76    35.73    31.58    69.83    93.64     0.00     0.00     0.00
 470.   100.99    79.83    62.43    56.27    40.10    41.71    35.08    36.05    31.39    69.68    92.67     0.00     0.00     0.00
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TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
475.	103.32	78.76	59.40	52.44	41.37	42.15	37.37	35.19	31.05	66.71	91.74	0.00	0.00	0.00
480.	91.21	75.93	59.74	54.12	41.58	41.63	35.68	36.58	31.34	66.67	91.85	0.00	0.00	0.00
485.	96.21	77.66	59.40	51.88	41.85	41.77	36.00	35.07	31.32	66.29	90.43	0.00	0.00	0.00
490.	88.21	71.73	58.90	52.76	40.61	40.99	35.90	35.66	30.22	65.71	89.26	0.00	0.00	0.00
495.	94.02	71.73	58.22	51.93	43.37	41.99	37.10	34.00	30.22	65.21	88.40	0.00	0.00	0.00
500.	89.62	71.00	56.58	49.37	39.44	40.37	35.98	35.17	30.22	65.50	87.76	0.00	0.00	0.00
505.	93.00	77.22	55.73	46.46	37.46	39.02	35.34	35.37	30.90	62.93	87.00	0.00	0.00	0.00
510.	82.50	72.17	54.58	48.34	39.71	39.73	33.71	34.71	30.66	62.17	86.31	0.00	0.00	0.00
515.	87.86	70.85	54.76	47.12	37.71	39.07	34.32	35.08	31.32	61.45	85.67	0.00	0.00	0.00
520.	78.45	66.19	52.44	46.85	39.95	39.45	35.68	35.15	31.41	59.12	85.02	0.00	0.00	0.00
525.	81.79	65.09	53.76	48.24	40.00	39.19	33.76	35.54	32.02	59.36	84.64	0.00	0.00	0.00
530.	80.21	66.36	53.10	40.68	40.73	38.63	32.80	34.58	32.95	58.09	84.12	0.00	0.00	0.00
535.	79.17	61.90	51.49	45.39	39.41	37.57	33.88	34.40	31.85	58.64	83.40	0.00	0.00	0.00
540.	78.05	69.38	51.46	46.15	35.93	37.75	32.22	34.41	31.90	58.78	82.57	0.00	0.00	0.00
545.	74.58	62.38	53.56	45.27	37.07	38.12	32.78	33.44	31.02	59.19	81.81	0.00	0.00	0.00
550.	72.58	59.67	50.95	43.80	36.22	36.31	33.65	32.58	30.41	58.51	81.19	0.00	0.00	0.00
555.	69.68	58.19	49.19	43.24	36.10	36.71	33.41	33.93	30.29	57.51	80.57	0.00	0.00	0.00
560.	69.78	58.67	50.29	43.41	35.27	36.20	33.76	33.85	29.49	56.78	79.98	0.00	0.00	0.00
565.	65.07	55.71	46.12	43.12	36.54	35.15	33.32	33.55	30.29	55.29	79.43	0.00	0.00	0.00
570.	65.79	54.83	45.46	42.54	37.44	35.32	32.17	33.51	30.37	54.83	78.71	0.00	0.00	0.00
575.	59.57	52.54	45.29	41.66	36.56	35.75	31.98	33.19	30.93	52.76	78.07	0.00	0.00	0.00
580.	59.93	52.69	45.90	40.63	34.68	35.12	33.39	32.78	29.32	52.95	79.39	0.00	0.00	0.00
585.	59.21	53.00	46.80	40.19	32.37	33.73	31.41	31.90	29.58	50.95	78.78	0.00	0.00	0.00
590.	57.00	50.61	45.27	39.66	33.56	31.61	31.10	30.83	29.63	50.58	78.17	0.00	0.00	0.00
595.	57.83	50.73	44.90	39.29	34.73	34.27	31.12	30.98	29.34	49.66	77.54	0.00	0.00	0.00
600.	56.24	50.54	44.71	39.66	34.39	34.03	30.80	30.66	29.38	49.80	76.98	0.00	0.00	0.00
605.	53.85	48.93	42.32	37.44	31.56	34.15	30.95	30.50	29.30	48.73	76.37	0.00	0.00	0.00
610.	54.34	49.12	41.85	36.95	32.73	34.00	30.95	31.05	29.70	49.07	75.83	0.00	0.00	0.00
615.	53.44	47.66	41.41	37.76	33.10	33.25	31.32	30.45	29.13	49.66	75.32	0.00	0.00	0.00
620.	51.02	46.71	41.24	37.44	34.22	34.45	30.63	30.66	30.17	47.49	74.70	0.00	0.00	0.00
625.	50.65	45.98	40.90	38.02	33.22	33.12	30.44	30.34	29.63	47.22	74.24	0.00	0.00	0.00
630.	50.58	45.32	40.63	37.49	31.44	33.65	30.10	29.66	29.07	47.54	73.73	0.00	0.00	0.00
635.	51.32	47.29	41.00	36.37	31.99	33.85	30.08	30.12	28.67	45.85	73.29	0.00	0.00	0.00
640.	50.24	45.80	41.15	36.39	31.99	33.41	31.10	30.05	28.22	45.85	72.85	0.00	0.00	0.00
645.	49.58	44.78	41.02	36.83	32.19	31.99	30.39	29.60	29.29	45.02	72.39	0.00	0.00	0.00
650.	49.80	44.88	39.68	37.29	33.85	33.63	30.00	29.05	28.80	45.61	71.93	0.00	0.00	0.00
655.	48.12	43.44	40.17	37.02	33.55	33.71	30.58	30.49	28.30	45.44	71.50	0.00	0.00	0.00
660.	47.88	43.90	39.68	36.80	33.19	31.07	30.90	30.22	28.67	45.29	71.29	0.00	0.00	0.00
665.	47.27	42.05	38.85	35.90	32.34	33.19	29.39	29.45	28.63	44.41	70.98	0.00	0.00	0.00
670.	45.10	42.63	38.90	35.00	31.29	33.19	29.66	29.61	28.55	43.29	70.56	0.00	0.00	0.00
675.	45.78	43.24	38.88	35.78	31.83	31.93	29.80	[illegible]	28.60	43.15	70.22	0.00	0.00	0.00
680.	45.73	42.12	38.05	35.27	31.17	32.40	29.20	29.40	28.17	43.41	69.85	0.00	0.00	0.00
685.	45.39	43.15	38.07	34.95	32.19	32.39	29.85	29.68	28.27	43.02	69.58	0.00	0.00	0.00
690.	45.80	43.17	38.85	35.05	31.54	31.93	29.32	29.50	28.02	42.22	67.52	0.00	0.00	0.00
695.	45.29	42.78	39.12	35.61	30.49	32.10	28.95	29.00	27.80	42.29	67.26	0.00	0.00	0.00
700.	45.90	41.68	38.24	35.12	29.93	31.71	29.32	29.08	27.32	41.90	66.98	0.00	0.00	0.00
705.	45.49	41.61	38.95	35.27	30.85	30.73	29.62	29.60	27.67	41.76	66.74	0.00	0.00	0.00
710.	45.63	41.07	37.88	35.76	31.76	31.53	29.13	29.50	27.88	41.73	66.50	0.00	0.00	0.00
715.	44.61	40.93	37.71	34.93	31.19	32.80	29.17	29.08	28.77	41.44	66.26	0.00	0.00	0.00
720.	44.76	41.39	36.76	33.98	29.98	31.51	28.77	28.55	27.90	41.41	65.95	0.00	0.00	0.00

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                                                                                    PAGE     8
TIME      14      15      16      17      18      19      20      21      22      23      24      25      26      27
 725.   45.78   41.02   37.10   34.63   30.41   31.98   29.82   28.85   27.97   41.58   65.74    0.00    0.00    0.00
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TIME      28       29       30      31         32       33       34 .      35       36       37       38       39       40       41
   0.    0.00     0.00    19.94  3145.71     0.01     0.01     0.01     -0.10     0.00     0.00     0.00     0.00    21.00    -2.00
   0.    0.00     0.00    30.15  3186.81     0.01     0.01     0.01      0.12     0.00     0.00     0.00     0.00    21.00     0.63
   0.    0.00     0.00    40.65  3171.85     0.01     0.01     0.01     -0.45     0.00     0.00     0.00     0.00    21.00    -0.57
   0.    0.00     0.00    50.89  3198.02     0.01     0.01     0.01      0.13     0.00     0.00     0.00     0.00    21.00     2.13
   0.    0.00     0.00    60.16  3175.60     0.01     0.01     0.01     -0.60     0.00     0.00     0.00     0.00    21.00     0.10
   0.    0.00     0.00    70.40  3164.39     0.01     0.01     0.01     -0.19     0.00     0.00     0.00     0.00    21.00    -0.30
   5.    0.00     0.00    10.69  3123.29     0.01     0.01     0.03      0.04     0.00     0.00     0.00     0.00    21.01     0.71
  10.    0.00     0.00    19.94  3190.54     0.01     0.01     0.04      0.69     0.00     0.00     0.00     0.00    21.00     0.78
  15.    0.00     0.00    30.18  3123.29     0.02     0.02     0.05      0.10     0.00     0.00     0.00     0.00    21.00    -1.32
  20.    0.00     0.00    40.66  3130.77     0.04     0.03     0.10      0.10     0.00     0.00     0.00     0.00    20.97    -0.14
  25.    0.00     0.00    50.89  3194.28     0.05     0.04     0.11     -0.42     0.00     0.00     0.00     0.00    20.90     0.11
  30.    0.00     0.00    60.16  3149.45     0.05     0.05     0.13      0.10     0.00     0.00     0.00     0.00    20.83     1.87
  35.    0.00     0.00    70.40  3093.41     0.08     0.05     0.16     -0.22     0.00     0.00     0.00     0.00    20.67     2.36
  40.    0.00     0.00    10.69  3115.82     0.10     0.05     0.23      1.14     0.00     0.00     0.00     0.00    20.52     0.42
  45.    0.00     0.00    19.94  3127.03     0.12     0.06     0.24      0.56     0.00     0.00     0.00     0.00    20.36     4.93
  50.    0.00     0.00    30.17  3074.73     0.13     0.06     0.26    ' 0.34     0.00     0.00     0.00     0.00    20.20     5.61
  55.    0.00     0.00    40.66  3048.58     0.18     0.08     0.35     -0.23     0.00     0.00     0.00     0.00    19.99     3.26
  60.    0.00     0.00    50.90  3041.10     0.20     0.08     0.48      0.11     0.00     0.00     0.00     0.00    19.79     4.85
  65.    0.00     0.00    60.17 '3007.48     0.23     0.09     0.52     -0.79     0.00     0.00     0.00     0.00    19.52     8.19
  70.    0.00     0.00    70.40  2988.80     0.27     0.09     0.54     -0.55     0.00     0.00     0.00     0.00    19.28     8.14
  75.    0.00     0.00    10.70  2943.97     0.36     0.11     0.78      2.32     0.00     0.00     0.00     0.00    19.00     6.40
  80.    0.00     0.00.   19.95  2869.25     0.33     0.10     0.72      1.65     0.00     0.00     0.00     0.00    18.66    10.74
  85.    0.00     0.00    30.18  2831.89     0.37     0.10     0.77     -0.28     0.00     0.00     0.00     0.00    18.42     7.18
  90.    0.00     0.00    40.66  2835.62     0.42     0.10     0.75     -0.69     0.00     0.00     0.00     0.00    18.20     5.13
  95.    0.00     0.00    50.91  2768.38     0.44     0.10     0.84     -0.35     0.00     0.00     0.00     0.00    18.07     3.58
 100.    0.00     0.00    60.17  2701.13     0.43     0.09     0.77     -0.84     0.00     0.00     0.00     0.00    18.10     7.10
 105.    0.00     0.00    70.41  2701.13     0.42     0.09     0.80     -0.64     0.00     0.00     0.00     0.00    17.94     5.84
 110.    0.00     0.00    10.70  2663.77     0.43     0.09     0.82      2.74     0.00     0.00     0.00     0.00    17.93     7.90
 115.    0.00     0.00    19.94  2577.84     0.52     0.09     0.88      2.20     0.00     0.00     0.00     0.00    18.00     3.54
 120.    0.00     0.00    30.18  2547.95     0.45     0.09     0.84      0.05     0.00     0.00     0.00     0.00    18.05     4.80
 125.    6.00     0.00    40.67  2570.37     0.41     0.08     0.76      0.15     0.00     0.00     0.00     0.00    18.17     5.24
 130.    0.00     0.00    50.90  2518.06     0.39     0.07     0.73     -0.41     0.00     0.00     0.00     0.00    18.09     5.63
 135.    0.00     0.00    60.18  2458.29     0.47     0.07     0.76     -0.75     0.00     0.00     0.00     0.00    18.04     6.19
 140.    0.00     0.00    70.41  2443.34     0.43     0.07     0.75     -0.68     0.00     0.00     0.00     0.00    18.17     9.06
 145.    0.00     0.00    10.70  2420.93     0.44     0.07     0.68      2.70     0.00     0.00     0.00     0.00    18.22     2.14
 150.    0.00     0.00    19.95  2361.15     0.43     0.07     0.76      2.06     0.00     0.00     0.00     0.00    18.17     7.38
 155.    0.00     0.00    30.19  2240.07     0.41     0.07     0.78     -0.68     0.00     0.09     0.00     0.00    18.27     6.90
 160.    0.00     0.00    40.66  2290.17     0.41     0.05     0.64      0.21     0.00     0.00     0.00     0.00    18.49     7.20
 165.    0.00     0.00    50.90  2260.28     0.43     0.07     0.71     -0.70     0.00     0.00     0.00     0.00    18.41     6.15
 170.    0.00     0.00    60.17  2189.29     0.41     0.06     0.66     -0.95     0.00     0.00     0.00     0.00    18.45     8.46
 175.    0.00     0.00    70.40  2140.73     0.40     0.05     0.65     -0.87     0.00     0.00     0.00     0.00    18.43     9.98
 180.    0.00     0.00    10.70  2114.58     0.41     0.05     0.69      2.75     0.00     0.00     0.00     0.00    18.46     5.50
 185.    0.00     0.00    19.95  2103.37     0.38     0.06     0.64      1.73     0.00     0.00     0.00     0.00    18.47     4.84
 190.    0.00     0.00    30.18  2017.44     0.39     0.05     0.63     -0.50     0.00     0.00     0.00     0.00    18.51     7.28
 195.    0.00     0.00    40.66  2032.38     0.34     0.05     0.59     -0.62     0.00     0.00     0.00     0.00    18.51     7.72
 200.    0.00     0.00    50.90  1998.76     0.31     0.05     0.60     -0.62     0.00     0.00     0.00     0.00    18.59     4.45
 205.    0.00     0.00    60.17  1938.98     0.33     0.05     0.54     -0.73     0.00     0.00     0.00     0.00    18.68     7.29
 210.    0.00     0.00    70.40  1942.72     0.39     0.05     0.57     -0.47     0.00     0.00     0.00     0.00    18.77     5.57
 215.    0.00     0.00    10.70  1890.41     0.38     0.05     0.57      2.24     0.00     0.00     0.00     0.00    18.83     6.27
 220.    0.00     0.00    19.94  1845.58     0.39     0.05     0.55      1.60     0.00     0.00     0.00     0.00    18.91     6.40
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TIME      28       29       30       31       32       33       34       35       36       37       38       39       40       41
 225.    0.00     0.00    30.18  1811.96     0.33     0.05     0.52     0.61     0.00     0.00     0.00     0.00    18.88     7.19
 230.    0.00     0.00    40.66  1819.43     0.35     0.05     0.53    -0.61     0.00     0.00     0.00     0.00    18.83     5.85
 235.    0.00     0.00    50.90  1838.11     0.34     0.05     0.60    -0.79     0.00     0.00     0.00     0.00    18.87     6.30
 240.    0.00     0.00    60.17  1789.54     0.33     0.04     0.57    -0.72     0.00     0.00     0.00     0.00    18.82     3.53
 245.    0.00     0.00    70.42  1711.09     0.31     0.04     0.54    -0.69     0.00     0.00     0.00     0.00    18.87     3.95
 250.    0.00     0.00    10.70  1688.67     0.31     0.04     0.52     2.13     0.00     0.00     0.00     0.00    18.86     6.84
 255.    0.00     0.00    19.94  1677.45     0.30     0.04     0.63     1.34     0.00     0.00     0.00     0.00    18.90     7.21
 260.    0.00     0.00    30.19  1595.27     0.38     0.04     0.59     0.85     0.00     0.00     0.00     0.00    18.94     7.64
 265.    0.00     0.00    40.67  1606.48     0.33     0.04     0.50    -0.71     0.00     0.00     0.00     0.00    18.99     4.88
 270.    0.00     0.00    50.89  1580.33     0.34     0.04     0.55    -0.58     0.00     0.00     0.00     0.00    18.96     3.50
 275.    0.00     0.00    60.18  1542.97     0.32     0.04     0.50    -0.29     0.00     0.00     0.00     0.00    18.96     6.67
 280.    0.00     0.00    70.41  1494.40     0.32     0.04     0.49    -0.70     0.00     0.00     0.00     0.00    18.94     6.53
 285.    0.00     0.00    10.70  1486.93     0.32     0.04     0.52     2.31     0.00     0.00     0.00     0.00    19.03     4.79
 290.    0.00     0.00    19.95  1453.30     0.31     0.04     0.53     1.85     0.00     0.00     0.00     0.00    19.05     4.91
 295.    0.00     0.00    30.18  1367.38     0.27     0.04     0.47    -0.13     0.00     0.00     0.00     0.00    19.04     6.01
 300.    0.00     0.00    40.66  1363.64     0.28     0.04     0.47    -0.59     0.00     0.00     0.00     0.00    19.08     5.44
 305.    0.00     0.00    50.90  1374.85     0.28     0.04     0.45    -0.78     0.00     0.00     0.00     0.00    19.13     4.27
 310.    0.00     0.00    60.17  1322.54     0.32     0.04     0.49    -0.58     0.00     0.00     0.00     0.00    19.15     4.64
 315.    0.00     0.00    70.41  1270.24     0.28     0.03     0.46    -0.57     0.00     0.00     0.00     0.00    19.18     6.19
 320.    0.00     0.00    10.70  1236.61     0.25     0.03     0.39     2.46     0.00     0.00     0.00     0.00    19.21     4.63
 325.    0.00     0.00    19.95  1251.56     0.25     0.03     0.41     1.91     0.00     0.00     0.00     0.00    19.24     4.31
 330.    0.00     0.00    30.19  1202.99     0.30     0.03     0.45    -0.32     0.00     0.00     0.00     0.00    19.26     2.02
 335.    0.00     0.00    40.67  1184.31     0.30     0.03     0.41    -0.54     0.00     0.00     0.00     0.00    19.31     5.55
 340.    0.00     0.00    50.91  1206.73     0.27     0.03     0.48    -0.79     0.00     0.00     0.00     0.00    19.32     7.28
 345.    0.00     0.00    60.17  1150.69     0.27     0.03     0.41    -0.60     0.00     0.00     0.00     0.00    19.32     6.76
 350.    0.00     0.00    70.41  1139.48     0.30     0.03     0.45    -0.66     0.00     0.00     0.00     0.00    19.30     6.90
 355.    0.00     0.00    10.70  1109.59     0.26     0.03     0.41     2.33     0.00     0.00     0.00     0.00    19.29     5.61
 360.    0.00     0.00    19.96  1113.33     0.26     0.03     0.40     0.45     0.00     0.00     0.00     0.00    19.36     4.13
 365.    0.00     0.00    30.20  1072.23     0.23     0.03     0.35    -0.23     0.00     0.00     0.00     0.00    19.43     7.14
 370.    0.00     0.00    40.67  1038.61     0.23     0.03     0.41    -0.61     0.00     0.00     0.00     0.00    19.43     4.24
 375.    0.00     0.00    50.90  1027.40     0.26     0.03     0.38    -0.68     0.00     0.00     0.00     0.00    19.41     5.93
 380.    0.00     0.00    60.18  1023.65     0.27     0.03     0.41    -0.71     0.00     0.00     0.00     0.00    19.41     7.90
 385.    0.00     0.00    70.41   971.36     0.27     0.03     0.42    -0.69     0.00     0.00     0.00     0.00    19.43     4.19
 390.    0.00     0.00    10.70   956.41     0.25     0.03     0.37     2.22     0.00     0.00     0.00     0.00    19.44     5.41
 395.    0.00     0.00    19.96   963.89     0.27     0.03     0.39     0.11     0.00     0.00     0.00     0.00    19.44     6.65
 400.    0.00     0.00    30.19   915.32     0.21     0.03     0.38     0.64     0.00     0.00     0.00     0.00    19.54     5.42
 405.    0.00     0.00    40.67   904.11     0.22     0.03     0.35    -0.39     0.00     0.00     0.00     0.00    19.59     4.37
 410.    0.00     0.00    50.90   907.85     0.21     0.02     0.34    -0.53     0.00     0.00     0.00     0.00    19.57     5.36
 415.    0.00     0.00    60.18   892.90     0.19     0.02     0.34    -0.81     0.00     0.00     0.00     0.00    19.62     7.74
 420.    0.00     0.00    70.41   900.38     0.18     0.02     0.30    -0.62     0.00     0.00     0.00     0.00    19.80     3.90
 425.    0.00     0.00    10.70   885.43     0.17     0.02     0.27     1.90     0.00     0.00     0.00     0.00    19.80     3.18
 430.    0.00     0.00    19.95   881.70     0.17     0.02     0.23     1.03     0.00     0.00     0.00     0.00    19.74     3.48
 435.    0.00     0.00    30.18   855.54     0.16     0.02     0.24     0.29     0.00     0.00     0.00     0.00    19.75     3.37
 440.    0.00     0.00    40.67   877.96     0.16     0.02     0.24     0.07     0.00     0.00     0.00     0.00    19.80     4.25
 445.    0.00     0.00    50.91   844.33     0.15     0.02     0.25     0.05     0.00     0.00     0.00     0.00    19.86     1.94
 450.    0.00     0.00    60.18   803.24     0.15     0.02     0.26    -0.55     0.00     0.00     0.00     0.00    19.88     5.83
 455.    0.00     0.00    70.42   806.97     0.14     0.02     0.23    -0.32     0.00     0.00     0.00     0.00    19.90     3.68
 460.    0.00     0.00    10.70   799.50     0.14     0.02     0.23     1.20     0.00     0.00     0.00     0.00    19.93     3.69
 465.    0.00     0.00    19.95   769.61     0.14     0.02     0.22     1.13     0.00     0.00     0.00     0.00    19.93     5.75
 470.    0.00     0.00    30.19   792.03     0.13     0.02     0.21    -0.20     0.00     0.00     0.00     0.00    19.97     2.43
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TIME      28      29      30      31      32      33      34      35      36      37      38      39      40      41
 475.    0.00    0.00   40.67  777.09    0.13    0.02    0.21    0.07    0.00    0.00    0.00    0.00   20.02    4.01
 480.    0.00    0.00   50.90  762.14    0.13    0.02    0.21   -0.48    0.00    0.00    0.00    0.00   20.03    3.32
 485.    0.00    0.00   60.17  724.78    0.12    0.02    0.17   -0.62    0.00    0.00    0.00    0.00   20.04    2.85
 490.    0.00    0.00   70.41  762.14    0.12    0.02    0.18   -0.49    0.00    0.00    0.00    0.00   20.08    1.93
 495.    0.00    0.00   10.70  765.83    0.12    0.02    0.18    1.10    0.00    0.00    0.00    0.00   20.09    2.51
 500.    0.00    0.00   19.95  721.05    0.11    0.02    0.16    0.14    0.00    0.00    0.00    0.00   20.11    2.69
 505.    0.00    0.00   30.19  683.69    0.11    0.02    0.17    0.13    0.00    0.00    0.00    0.00   20.11    5.34
 510.    0.00    0.00   40.67  702.37    0.11    0.02    0.15   -0.32    0.00    0.00    0.00    0.00   20.15    6.53
 515.    0.00    0.00   50.90  720.52    0.11    0.02    0.15    0.23    0.00    0.00    0.00    0.00   20.18    2.27
 520.    0.00    0.00   60.17  657.53    0.10    0.02    0.15   -0.75    0.00    0.00    0.00    0.00   20.20    5.29
 525.    0.00    0.00   70.41  672.40    0.10    0.02    0.17   -0.44    0.00    0.00    0.00    0.00   20.22    1.04
 530.    0.00    0.00   10.70  657.53    0.10    0.02    0.17    1.67    0.00    0.00    0.00    0.00   20.24    2.55
 535.    0.00    0.00   19.95  683.69    0.10    0.02    0.15    0.75    0.00    0.00    0.00    0.00   20.26    1.93
 540.    0.00    0.00   30.19  631.33    0.09    0.01    0.15   -0.10    0.00    0.00    0.00    0.00   20.27    3.77
 545.    0.00    0.00   40.66  608.97    0.09    0.01    0.14    0.13    0.00    0.00    0.00    0.00   20.30    4.16
 550.    0.00    0.00   50.90  601.49    0.09    0.01    0.11    0.05    0.00    0.00    0.00    0.00   20.32    3.72
 555.    0.00    0.00   60.18  623.91    0.08    0.01    0.12   -0.67    0.00    0.00    0.00    0.00   20.36    3.43
 560.    0.00    0.00   70.41  582.82    0.08    0.01    0.12   -0.32    0.00    0.00    0.00    0.00   20.38    0.50
 565.    0.00    0.00   10.70  594.02    0.08    0.01    0.11    1.39    0.00    0.00    0.00    0.00   20.40    3.70
 570.    0.00    0.00   19.95  620.17    0.08    0.01    0.11    0.33    0.00    0.00    0.00    0.00   20.41    0.92
 575.    0.00    0.00   30.18  571.61    0.07    0.01    0.10    0.33    0.00    0.00    0.00    0.00   20.44    2.09
 580.    0.00    0.00   40.67  560.40    0.07    0.01    0.08    0.24    0.00    0.00    0.00    0.00   20.48    1.59
 585.    0.00    0.00   50.90  515.57    0.07    0.01    0.07   -0.16    0.00    0.00    0.00    0.00   20.52    4.26
 590.    0.00    0.00   60.17  545.46    0.07    0.01    0.07   -0.16    0.00    0.00    0.00    0.00   20.56   -0.09
 595.    0.00    0.00   70.40  560.40    0.06    0.01    0.07   -0.43    0.00    0.00    0.00    0.00   20.60    2.03
 600.    0.00    0.00   10.70  552.93    0.06    0.01    0.06    1.17    0.00    0.00    0.00    0.00   20.64    0.65
 605.    0.00    0.00   19.95  489.41    0.05    0.01    0.06    0.17    0.00    0.00    0.00    0.00   20.70    5.43
 610.    0.00    0.00   30.19  504.36    0.05    0.01    0.07    0.19    0.00    0.00    0.00    0.00   20.72    2.58
 615.    0.00    0.00   40.66  537.90    0.05    0.01    0.07   -0.49    0.00    0.00    0.00    0.00   20.76    0.49
 620.    0.00    0.00   50.90  496.89    0.05    0.01    0.07    0.19    0.00    0.00    0.00    0.00   20.79   -1.39
 625.    0.00    0.00   60.17  493.15    0.05    0.01    0.07   -0.40    0.00    0.00    0.00    0.00   20.81    3.18
 630.    0.00    0.00   70.41  564.14    0.05    0.01    0.07   -0.10    0.00    0.00    0.00    0.00   20.83    1.63
 635.    0.00    0.00   10.70  549.19    0.05    0.01    0.07    0.89    0.00    0.00    0.00    0.00   20.85   -0.21
 640.    0.00    0.00   19.95  491.94    0.05    0.01    0.07    0.11    0.00    0.00    0.00    0.00   20.87    1.20
 645.    0.00    0.00   30.18  511.83    0.05    0.01    0.07   -0.43    0.00    0.00    0.00    0.00   20.88    1.63
 650.    0.00    0.00   40.67  537.98    0.05    0.01    0.07   -0.23    0.00    0.00    0.00    0.00   20.88    3.51
 655.    0.00    0.00   50.91  530.51    0.05    0.01    0.07    0.31    0.00    0.00    0.00    0.00   20.90    1.74
 660.    0.00    0.00   60.18  474.47    0.05    0.01    0.07    0.09    0.00    0.00    0.00    0.00   20.91    1.18
 665.    0.00    0.00   70.40  478.20    0.05    0.01    0.06   -0.21    0.00    0.00    0.00    0.00   20.91    0.13
 670.    0.00    0.00   10.70  485.68    0.05    0.01    0.06    0.52    0.00    0.00    0.00    0.00   20.92    1.30
 675.    0.00    0.00   19.95  519.30    0.04    0.01    0.06    0.42    0.00    0.00    0.00    0.00   20.91    0.46
 680.    0.00    0.00   30.18  474.47    0.05    0.01    0.06    0.02    0.00    0.00    0.00    0.00   20.92    3.00
 685.    0.00    0.00   40.65  452.05    0.05    0.01    0.06   -0.15    0.00    0.00    0.00    0.00   20.92    1.80
 690.    0.00    0.00   50.89  448.32    0.04    0.01    0.06    0.10    0.00    0.00    0.00    0.00   20.92    1.97
 695.    0.00    0.00   60.17  459.53    0.05    0.01    0.06   -0.51    0.00    0.00    0.00    0.00   20.92    0.23
 700.    0.00    0.00   70.41  459.53    0.05    0.01    0.06    0.14    0.00    0.00    0.00    0.00   20.93    1.82
 705.    0.00    0.00   10.70  452.05    0.04    0.01    0.06    0.89    0.00    0.00    0.00    0.00   20.94    2.22
 710.    0.00    0.00   19.95  444.58    0.04    0.01    0.06   -0.12    0.00    0.00    0.00    0.00   20.94    2.36
 715.    0.00    0.00   30.17  448.32    0.04    0.01    0.06    0.04    0.00    0.00    0.00    0.00   20.94    0.96
 720.    0.00    0.00   40.66  459.53    0.05    0.01    0.06   -0.11    0.00    0.00    0.00    0.00   20.95   -0.49
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TIME      28      29      30       31        32      33      34      35      36      37      38      39      40      41
 725.    0.00    0.00   50.89   440.85     0.04    0.01    0.06   -0.36    0.00    0.00    0.00    0.00   20.95   -1.06
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TIME      42      43      44      45      46      47      48
  0.   -0.96   -0.72    1.44   -1.33    1.65    0.00    0.00
  0.   -1.14    0.71   -1.24    1.06    0.84    0.00    0.00
  0.    1.60   -0.60   -0.40    1.28   -1.22    0.00    0.00
  0.   -0.65    1.61   -0.45   -0.55    0.45    0.00    0.00
  0.    0.16   -0.15   -0.34    0.73   -0.93    0.00    0.00
  0.    1.00   -0.85    1.01   -1.19   -0.78    0.00    0.00
  5.   -0.94    0.97   -0.71    0.79   -0.26    0.00    5.00
 10.   -0.63   -0.69    1.52   -1.03    0.93    0.00   10.00
 15.    1.75   -0.20    0.73   -1.27   -0.42    0.00   15.00
 20.    0.94    0.43    0.35   -1.65    1.64    0.02   20.00
 25.    3.75   -1.95    0.55    0.49   -2.23    0.08   25.00
 30.    2.38    0.11    0.41   -0.33   -0.71    0.14   30.00
 35.    2.48    0.40   -1.81    2.43   -0.71    0.33   35.00
 40.    3.17    1.19   -1.40    0.55    0.13    0.59   40.00
 45.   -0.07    4.18   -2.03    2.51   -1.16    0.67   45.00
 50.    0.56    1.06   -0.49    1.77    0.74    0.89   50.00
 55.    3.03    4.31   -2.69    2.02    0.04    1.17   55.00
 60.    3.40    3.92   -0.74    1.86    0.27    1.31   60.00
 65.    3.64    2.94   -1.83   -1.88   -0.57    1.73   65.00
 70.    3.85    2.77   -0.63   -1.02    1.22    1.90   70.00
 75.    3.96    1.53    0.65   -0.18    0.43    2.28   75.00
 80.    2.35    3.68    2.28    0.04    1.59    2.71   80.00
 85.    4.47    2.98   -1.12    1.42   -2.25    2.93   85.00
 90.    1.70    3.25    2.15   -2.32    0.35    3.05   90.00
 95.    8.14    3.89    0.28    2.25   -1.48    3.15   95.00
100.    6.64    4.92   -0.88   -2.29   -1.97    3.23  100.00
105.    6.94    3.49   -1.96    1.01   -0.78    3.25  105.00
110.    9.00    2.51    0.16    2.83   -3.99    3.23  110.00
115.    7.79    3.36   -3.45    1.02    1.24    3.11  115.00
120.    6.45    4.60   -2.33   -0.02   -4.34    3.00  120.00
125.    2.95    4.11    0.48   -1.47    3.13    2.85  125.00
130.    6.70    1.10    1.97    1.75   -2.29    2.99  130.00
135.    8.74    1.42   -3.04    2.00   -2.74    3.12  135.00
140.    5.51    2.27    2.17   -0.85   -0.28    2.81  140.00
145.    6.61    3.03   -1.06   -1.61   -0.13    2.78  145.00
150.    6.65    3.13   -3.88   -0.01   -1.42    2.97  150.00
155.    3.71    3.98    3.71   -2.10    0.19    2.74  155.00
160.    4.97    6.46   -2.19   -2.54   -1.41    2.57  160.00
165.    5.64    4.07    1.22    0.35    1.20    2.66  165.00
170.    3.27    5.01    0.58   -1.50   -2.10    2.49  170.00
175.    4.60    3.08   -3.82    1.95   -0.23    2.69  175.00
180.    5.77    1.33    1.04   -1.73   -2.95    2.59  180.00
185.    8.41    6.16   -2.97    1.37    0.59    2.61  185.00
190.    8.58    2.85   -4.28    2.06   -1.50    2.51  190.00
195.    3.34    5.34   -1.16    0.49   -1.10    2.52  195.00
200.    6.11    4.59   -2.13   -1.51   -1.35    2.47  200.00
205.    2.18    1.03    1.84    0.50   -2.55    2.32  205.00
210.    2.88    5.00    1.09   -2.61    1.16    2.23  210.00
215.    4.68    2.27   -0.19   -0.95   -0.52    2.15  215.00
220.    5.41    6.38   -2.68   -1.59    1.32    2.09  220.00
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TIME	42	43	44	45	46	47	48
225.	3.86	5.52	-0.56	-0.92	0.77	2.22	225.00
230.	6.26	4.54	-0.27	-0.72	-0.84	2.25	230.00
235.	4.16	5.16	-2.26	-2.07	2.29	2.21	235.00
240.	5.72	4.95	-2.38	2.77	-3.53	2.26	240.00
245.	8.76	3.98	-1.30	0.70	-0.00	2.11	245.00
250.	3.89	4.78	-0.53	-1.86	0.21	2.19	250.00
255.	3.04	1.10	1.53	0.53	-2.95	2.13	255.00
260.	5.04	1.79	1.15	-1.73	-1.45	2.07	260.00
265.	3.52	4.23	-1.93	-2.28	1.14	1.90	265.00
270.	7.42	1.85	-1.48	-0.51	-1.94	2.09	270.00
275.	3.32	3.36	-1.37	-0.61	0.98	2.07	275.00
280.	3.73	2.79	-0.22	1.20	-3.09	2.09	280.00
285.	4.70	3.49	-2.77	1.73	-2.19	1.83	285.00
290.	3.32	7.92	-3.70	-0.92	1.07	1.95	290.00
295.	5.85	3.83	-2.49	-1.94	1.27	1.97	295.00
300.	4.35	3.36	-0.61	0.53	-2.12	1.87	300.00
305.	4.07	0.86	2.06	-0.84	0.04	1.82	305.00
310.	8.42	4.27	-1.41	-0.60	1.26	1.84	310.00
315.	1.87	3.53	-0.21	0.81	-1.15	1.81	315.00
320.	3.48	4.10	0.11	-0.37	-0.73	1.77	320.00
325.	4.39	5.01	-3.70	-0.10	0.75	1.72	325.00
330.	5.41	4.52	-2.15	-2.21	0.77	1.74	330.00
335.	4.86	2.83	-1.84	1.52	-1.41	1.60	335.00
340.	4.54	2.02	-1.91	1.10	-1.31	1.64	340.00
345.	4.26	3.07	-0.91	-0.50	-0.26	1.67	345.00
350.	4.46	2.78	-1.41	-1.24	-0.32	1.65	350.00
355.	4.37	0.74	-0.42	-0.61	-1.34	1.66	355.00
360.	3.01	3.48	-0.57	-1.09	-1.34	1.50	360.00
365.	3.56	2.16	-0.50	0.58	-0.84	1.45	365.00
370.	9.20	-0.13	-0.96	2.68	-2.92	1.45	370.00
375.	0.63	3.77	-2.27	0.72	-0.15	1.55	375.00
380.	0.20	6.14	-1.86	-1.05	1.75	1.50	380.00
385.	4.46	2.46	-1.37	1.27	-1.80	1.49	385.00
390.	5.39	0.43	1.28	-1.50	-0.92	1.51	390.00
395.	1.21	3.65	-0.98	0.17	-0.78	1.40	395.00
400.	3.84	1.87	-0.29	-1.26	-1.70	1.34	400.00
405.	3.44	3.62	-0.44	0.51	-2.68	1.32	405.00
410.	1.97	3.95	-1.04	-0.88	0.93	1.33	410.00
415.	0.50	3.31	-0.04	-0.36	-1.02	1.30	415.00
420.	3.85	1.74	0.39	-0.10	0.19	0.99	420.00
425.	3.23	2.95	-1.26	-1.83	0.13	1.00	425.00
430.	1.86	2.46	-0.75	-0.84	1.01	1.22	430.00
435.	5.07	1.37	-0.69	-0.34	-0.10	1.15	435.00
440.	1.93	2.65	-0.51	0.30	-0.61	1.10	440.00
445.	4.06	2.69	-0.43	-1.81	1.36	1.03	445.00
450.	1.06	3.51	-0.14	-0.03	-0.07	1.01	450.00
455.	3.03	1.00	0.80	-0.08	-1.31	0.99	455.00
460.	3.19	2.23	-0.45	-0.52	0.04	0.97	460.00
465.	3.57	0.45	0.53	-1.69	0.32	0.97	465.00
470.	5.63	0.14	-1.44	1.44	-1.97	0.95	470.00

TIME	42	43	44	45	46	47	48
475.	2.45	3.01	-1.92	1.52	-1.25	0.90	475.00
480.	3.72	1.47	0.58	-1.64	1.29	0.87	480.00
485.	3.88	0.85	0.30	-1.67	0.32	0.85	485.00
490.	3.59	2.27	-0.39	-2.61	-1.90	0.75	490.00
495.	2.75	1.42	-0.17	-1.54	-0.37	0.78	495.00
500.	2.31	2.34	-0.26	-0.29	-1.64	0.75	500.00
505.	-0.29	3.45	-1.13	-0.45	0.01	0.78	505.00
510.	-1.00	2.30	0.41	-0.08	-1.12	0.72	510.00
515.	1.98	3.39	-0.51	-1.55	0.59	0.71	515.00
520.	0.51	3.24	-0.76	0.06	0.13	0.70	520.00
525.	3.92	0.59	1.10	-2.59	-0.93	0.65	525.00
530.	3.36	2.30	-0.96	-2.29	0.10	0.64	530.00
535.	0.05	4.45	-2.64	0.77	0.07	0.63	535.00
540.	0.61	0.21	0.85	-0.09	-0.67	0.62	540.00
545.	-0.54	2.30	-1.01	0.03	-0.69	0.57	545.00
550.	1.21	2.91	-1.44	-0.04	-0.22	0.55	550.00
555.	0.98	1.11	-0.50	0.75	-3.32	0.50	555.00
560.	2.55	2.59	-0.72	-1.00	0.49	0.50	560.00
565.	1.75	1.47	-0.60	-0.33	0.02	0.49	565.00
570.	2.41	1.47	-1.53	-0.02	-1.47	0.47	570.00
575.	1.91	0.49	-0.30	1.20	-1.65	0.42	575.00
580.	2.13	1.19	-1.29	0.99	-1.19	0.39	580.00
585.	-1.14	0.29	2.63	-1.91	0.05	0.34	585.00
590.	2.23	-0.81	0.34	-2.62	-1.58	0.30	590.00
595.	1.38	1.63	-1.06	0.63	-1.52	0.26	595.00
600.	1.88	2.03	-1.24	-0.75	-0.03	0.25	600.00
605.	-1.23	2.56	-0.27	0.31	-1.63	0.17	605.00
610.	-0.10	1.54	-0.72	-2.47	-0.31	0.16	610.00
615.	1.16	-0.10	-0.29	0.42	-0.83	0.12	615.00
620.	2.00	0.64	-0.13	-0.02	-0.99	0.11	620.00
625.	-0.64	1.45	-0.81	0.20	0.01	0.03	625.00
630.	0.98	1.70	-1.74	0.91	0.07	0.06	630.00
635.	2.63	1.03	-1.89	0.95	-1.16	0.05	635.00
640.	-0.26	1.56	-0.96	-0.31	0.01	0.04	640.00
645.	2.50	-0.04	-0.09	0.69	-0.61	0.05	645.00
650.	-0.81	2.31	-1.09	-0.04	0.24	0.04	650.00
655.	0.40	2.03	-2.40	1.44	-1.55	0.02	655.00
660.	1.68	1.73	-0.25	-0.51	0.26	0.03	660.00
665.	1.27	0.28	-0.22	-1.23	1.05	0.03	665.00
670.	2.09	-2.10	2.27	-1.61	-1.47	0.02	670.00
675.	1.14	0.88	-0.06	-1.73	0.04	0.02	675.00
680.	-0.12	0.53	0.60	-2.12	2.09	0.02	680.00
685.	0.70	1.83	-0.59	-1.53	-0.25	0.02	685.00
690.	0.66	-0.34	0.88	0.84	-0.71	0.02	690.00
695.	1.41	0.55	-0.01	-1.26	1.13	0.02	695.00
700.	1.43	0.89	0.18	-1.32	1.14	0.02	700.00
705.	1.38	1.62	-1.56	0.49	-0.09	0.01	705.00
710.	0.09	1.21	0.14	0.12	0.23	0.01	710.00
715.	1.39	-1.11	1.05	-2.21	1.07	0.01	715.00
720.	1.54	0.83	-0.46	-0.37	-0.29	0.00	720.00

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PRC1-P-1-1

TIME        42       43        44       45        46        47        48
 725.      3.53    -1.42      1.37    -1.45     -0.65      0.00    725.00
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PRC4-P-2-1                                                                                   PAGE     1

TIME        0        1        2        3        4        5        6        7        8        9       10       11       12       13
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   0.    24.75    23.32    22.67    22.77    22.20    22.60    21.70    27.27    27.50    27.30    26.52    25.47    24.63    23.92
   0.    24.65    23.32    22.72    22.75    23.02    22.45    21.57    27.30    27.42    27.32    26.57    25.42    24.52    23.97
   0.    24.27    23.25    22.70    22.57    22.22    22.20    21.72    27.30    27.42    27.35    26.52    25.42    24.47    23.97
   0.    24.55    23.17    22.55    22.40    22.67    22.42    21.77    27.22    27.38    27.27    26.35    25.30    24.40    23.95
   0.    24.85    23.22    22.77    22.52    22.77    22.00    21.97    27.32    27.40    27.25    26.52    25.30    24.38    23.97
   5.    25.32    23.30    23.07    22.88    21.67    21.20    20.90    29.25    30.07    27.72    26.65    26.02    25.45    24.80
  10.    29.55    27.20    23.25    23.40    22.42    21.38    20.77    29.29    31.95    29.05    29.29    28.97    28.45    27.75
  15.    33.93    29.15    23.40    22.70    21.55    21.77    21.30    30.54    33.73    30.41    30.66    30.76    30.46    29.73
  20.    34.54    28.37    25.02    22.22    21.80    21.82    21.67    32.76    34.44    33.02    33.95    32.73    32.15    31.93
  25.    35.61    32.56    24.17    22.20    22.20    21.55    21.40    33.70    37.07    35.07    35.83    35.29    34.83    34.93
  30.    37.54    32.78    24.92    22.35    22.40    21.85    21.27    37.08    39.63    36.85    39.02    38.88    39.58    39.98
  35.    50.90    42.41    24.70    22.57    22.77    21.95    21.52    47.19    57.68    45.68    45.12    44.51    45.44    46.37
  40.    79.17    40.88    24.65    22.92    23.22    22.57    21.70    72.54    81.79    70.10    75.83    76.15    74.22    73.37
  45.   115.66    80.02    24.47    23.47    23.25    22.02    21.50    93.98   124.68   114.02   111.17   105.66   108.24   102.51
  50.   160.00   104.90    26.97    24.27    23.13    22.60    21.55   128.85   172.90   157.77   155.15   162.85   166.55   156.60
  55.   203.93   124.51    36.02    25.25    24.05    22.80    21.90   161.27   218.80   201.10   204.49   200.70   196.92   186.38
  60.   232.12   190.85    30.73    26.42    24.82    23.00    21.80   169.67   248.49   234.98   238.19   239.32   233.19   228.63
  65.   263.88   216.50    32.54    26.75    24.72    23.90    21.95   237.93   306.76   279.32   280.51   275.27   262.78   252.98
  70.   311.71   231.34    47.00    27.32    26.20    23.85    22.47   226.90   346.57   321.86   319.45   315.38   310.76   311.66
  75.   312.15   284.66    42.22    28.27    26.42    24.15    22.60   229.00   366.98   347.48   346.05   339.24   311.81   308.58
  80.   320.38   266.24    57.85    28.70    25.65    24.27    22.30   242.07   395.78   365.84   365.17   358.62   346.39   317.22
  85.   328.19   257.51    73.17    29.17    25.97    24.75    23.00   277.29   426.19   398.64   388.59   368.63   365.26   344.34
  90.   328.52   256.37    78.55    28.90    26.17    24.55    23.15   270.37   392.43   385.21   367.21   363.80   350.02   341.68
  95.   343.78   291.95   119.83    28.05    25.32    26.25    22.57   273.27   393.45   306.26   369.77   361.86   358.88   345.15
 100.   323.83   278.05   109.68    28.42    26.35    24.38    22.90   270.54   395.57   382.00   370.02   369.05   348.74   346.15
 105.   342.49   294.41    84.69    29.82    25.00    24.57    23.37   283.27   402.19   391.31   384.52   380.69   364.37   362.17
 110.   347.93   291.45    88.07    29.93    26.63    25.60    23.55   292.80   405.28   399.52   392.55   381.36   366.21   352.19
 115.   345.49   306.12   114.19    31.60    29.22    23.35    22.72   306.10   431.31   403.37   399.69   391.19   367.32   353.52
 120.   342.83   304.56    75.44    31.98    24.77    23.47    22.52   293.95   404.12   394.43   389.40   382.83   367.63   363.81
 125.   326.62   285.32   129.22    31.85    28.02    25.72    23.70   292.76   407.21   397.26   380.57   364.84   361.45   343.71
 130.   324.76   296.90    91.17    32.07    28.25    24.42    23.30   315.80   409.21   399.95   390.64   385.09   370.35   362.80
 135.   338.58   293.37   158.15    30.76    28.20    23.47    23.55   316.93   401.86   392.21   383.71   367.88   360.29   343.40
 140.   326.88   307.12   101.32    32.61    27.80    26.07    23.55   309.98   405.30   393.28   382.21   365.70   358.93   348.02
 145.   321.88   311.32   157.38    35.76    27.88    23.90    24.22   311.48   398.50   383.19   366.65   363.63   364.83   360.40
 150.   323.07   291.50    95.69    35.90    27.38    25.40    22.60   313.49   390.38   381.05   362.30   361.24   346.57   342.71
 155.   316.48   286.54    81.17    33.44    26.80    28.77    24.67   302.49   367.12   357.81   352.40   347.98   345.73   343.19
 160.   317.17   297.73   135.22    33.88    28.88    27.40    23.52   291.31   364.24   356.45   353.31   348.59   346.71   339.05
 165.   311.24   244.58   107.88    32.12    27.72    26.05    23.65   296.00   359.26   353.95   347.95   341.02   328.90   320.45
 170.   308.80   262.12   107.73    33.66    27.35    26.38    24.00   294.15   350.95   345.90   344.59   342.57   341.95   325.09
 175.   307.54   282.49   121.56    30.19    27.75    27.42    23.22   291.78   349.83   341.31   340.31   346.05   341.68   339.73
 180.   293.19   273.22   112.29    31.46    26.82    24.63    23.90   290.93   341.67   349.64   349.07   345.80   339.54   328.17
 185.   303.34   262.15   154.35    30.15    29.55    23.80    23.25   286.88   346.79   342.90   340.61   328.81   321.43   323.19
 190.   302.90   268.80   140.82    37.39    28.13    25.92    23.35   290.61   354.86   342.26   344.39   341.56   327.19   322.24
 195.   303.68   280.27    81.38    39.50    28.90    24.30    22.85   287.63   342.38   341.05   330.40   328.19   322.88   319.17
 200.   314.10   277.24   151.60    39.76    26.95    28.85    23.52   293.12   346.09   340.71   329.67   328.93   324.80   319.52
 205.   312.76   287.24   147.80    34.07    28.72    25.00    22.70   296.44   349.21   342.79   343.19   329.59   323.64   315.29
 210.   315.39   252.19   111.66    35.19    29.40    23.02    23.10   296.00   359.29   343.71   343.93   340.78   320.40   312.48
 215.   301.85   252.41   111.51    33.24    26.88    23.60    23.45   289.71   344.48   341.80   328.12   324.98   314.57   314.51
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PRC4-P-2-1                                                                 PAGE     2

TIME      0       1       2       3       4       5       6       7       8       9      10      11      12      13
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 230.   285.10  218.05  142.12   29.95   27.97   24.22   23.35  275.05  313.45  312.02  311.38  317.07  313.98  312.61
 235.   273.90  238.12   93.93   29.83   27.15   26.05   23.92  270.54  315.98  309.29  307.56  306.66  292.05  292.34
 240.   276.85  240.88  106.88   31.46   24.70   25.60   23.95  265.02  314.24  307.05  306.37  305.34  291.43  295.54
 245.   276.24  249.66  120.51   31.76   24.25   23.47   23.70  263.19  306.34  304.32  305.19  302.24  294.88  293.15
 250.   273.78  234.71  104.12   31.37   25.52   23.67   23.63  259.80  292.02  292.50  301.98  292.38  291.56  290.27
 255.   263.73  249.22   89.88   32.49   26.35   23.82   22.15  259.02  303.19  295.71  294.15  293.37  289.93  289.63
 260.   274.49  245.00  111.63   31.63   27.80   24.45   23.32  258.63  302.05  296.39  295.29  292.85  286.46  284.05
 265.   262.15  230.20  107.51   31.22   27.17   25.88   22.27  254.05  296.83  293.90  292.98  293.49  290.85  266.51
 270.   257.80  238.19   78.55   30.27   26.20   22.67   23.15  251.10  291.02  287.07  286.51  285.93  277.24  270.90
 275.   257.12  227.00   93.05   30.66   28.60   24.32   23.07  251.85  292.93  286.29  286.85  286.68  281.07  282.90
 280.   255.85  199.41  115.63   30.19   29.02   24.38   23.55  248.15  290.56  285.66  286.32  285.90  279.27  274.37
 285.   248.46  230.07  108.07   30.73   26.80   22.90   22.60  246.32  286.39  279.90  279.10  277.34  267.17  265.49
 290.   250.88  228.87   92.79   31.78   27.50   24.42   22.40  245.07  283.49  278.15  276.02  276.10  270.22  267.41
 295.   249.10  202.05   78.36   31.93   26.42   23.13   22.60  240.24  280.49  275.78  276.90  274.24  265.51  261.44
 300.   241.29  220.50   81.29   31.15   29.63   23.42   21.77  236.73  273.56  269.24  270.66  269.05  260.95  261.80
 305.   238.61  195.87   79.12   30.78   24.75   26.47   23.35  236.32  268.98  265.05  263.95  259.41  250.12  245.68
 310.   236.19  178.57   78.88   29.51   27.65   28.30   23.15  232.41  262.17  260.58  260.90  260.00  256.00  250.10
 315.   235.19  181.25  102.15   30.05   25.72   26.07   23.22  229.56  257.46  257.37  258.49  257.24  253.78  253.66
 320.   232.07  205.95  105.51   29.42   26.55   22.90   22.20  231.30  252.76  251.46  253.76  253.19  249.32  249.78
 325.   229.78  217.50  116.71   29.32   26.90   24.80   21.77  230.15  255.17  250.68  251.29  249.98  244.56  246.41
 330.   228.90  199.32   90.67   30.34   24.45   23.45   21.70  228.17  247.65  248.05  249.12  247.32  244.80  248.85
 335.   232.80  199.95  123.32   29.27   24.15   21.50   20.63  224.92  247.98  245.51  244.02  244.07  239.07  241.93
 340.   225.67  200.63   93.26   30.10   25.30   26.40   20.80  222.17  244.12  240.95  240.83  240.29  235.15  237.58
 345.   220.07  200.10  110.07   29.25   26.85   22.20   21.17  218.75  238.05  235.88  237.58  236.17  232.51  232.93
 350.   215.82  193.35   82.86   28.88   26.95   24.67   22.72  215.25  235.07  232.51  233.80  232.51  228.56  230.68
 355.   206.76  188.95   82.31   29.55   24.70   23.22   22.38  207.00  229.02  229.05  228.90  232.82  226.63  228.15
 360.   199.85  173.72   77.05   29.82   26.05   24.00   22.80  204.32  228.67  228.40  226.92  224.30  215.75  217.55
 365.   199.12  183.70   67.00   29.50   26.17   23.47   21.63  200.98  224.07  221.57  221.55  220.38  208.24  216.42
 370.   200.20  155.65   64.79   29.15   25.97   22.63   21.55  202.47  217.97  216.72  217.45  215.85  204.71  203.63
 375.   199.10  175.00   70.61   29.02   28.75   23.72   20.97  199.60  213.67  213.92  208.17  207.46  203.76  205.98
 380.   192.90  155.65   64.98   29.13   26.05   24.63   22.07  196.50  205.05  204.49  204.07  202.83  203.02  199.05
 385.   188.55  166.63   61.48   28.82   24.67   21.70   20.42  193.82  200.51  199.46  199.07  202.65  197.52  196.92
 390.   183.67  148.88   69.88   28.42   24.92   20.65   20.90  191.82  201.97  201.22  202.22  201.25  197.40  197.75
 395.   181.22  145.60   70.80   28.55   25.07   21.85   21.15  188.50  197.02  197.55  196.52  195.27  190.45  192.32
 400.   175.63  147.42   61.71   28.47   28.22   21.65   21.40  185.72  193.35  192.77  193.70  193.77  190.17  193.65
 405.   175.70  140.95   62.45   27.97   25.80   22.00   20.70  183.70  190.27  190.80  191.95  192.02  188.13  187.55
 410.   173.72  135.90   78.85   27.40   24.22   22.45   20.60  182.10  188.92  188.22  189.32  188.67  184.15  183.57
 415.   171.13  147.30   61.59   27.07   26.47   21.10   20.90  179.95  185.65  185.27  185.60  185.67  179.13  180.15
 420.   169.95  139.72   56.39   27.22   23.63   22.10   21.07  178.17  182.77  183.02  183.65  183.47  179.02  181.42
 425.   166.97  134.55   67.26   27.42   28.88   20.52   20.27  175.80  180.13  180.32  180.57  181.50  177.82  179.75
 430.   162.80  129.15   54.68   26.65   25.77   21.45   21.40  173.97  177.72  178.05  177.65  179.17  176.13  178.30
 435.   162.47  129.46   58.76   25.00   26.95   23.42   20.55  172.42  175.42  175.63  176.55  176.25  172.13  172.42
 440.   158.75  109.07   58.34   25.47   26.15   21.35   20.25  170.45  173.67  173.60  174.05  172.95  167.52  166.77
 445.   159.07  125.49   58.93   26.15   25.00   21.77   19.90  168.75  171.72  171.57  172.35  171.77  167.13  168.63
 450.   155.72  139.47   54.44   26.15   23.50   22.67   20.10  166.92  169.45  169.88  168.88  168.05  166.55  170.45
 455.   154.15  137.47   43.22   26.60   24.75   23.02   20.10  165.25  165.07  166.50  166.15  165.85  161.42  161.63
 460.   150.88  107.37   54.46   26.65   26.05   22.25   19.95  163.30  162.30  162.22  163.85  164.15  159.85  158.00
 465.   147.10  103.49   55.05   25.85   26.75   21.82   20.57  161.47  160.55  161.42  161.72  161.63  156.77  155.95
 470.   145.22  102.19   53.00   25.30   26.05   22.52   20.90  159.67  156.97  159.05  158.77  159.05  153.47  151.77
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 480.   138.88   100.95    47.66    25.95    24.30    21.15    20.47   156.07   151.40   153.10   155.10   155.10   148.88   146.30
 485.   137.17   102.44    47.17    25.35    23.97    21.95    20.65   154.13   146.57   148.95   151.45   152.00   145.57   145.15
 490.   134.77    89.07    43.29    25.25    25.57    21.82    20.63   152.45   143.60   146.75   147.92   148.55   141.07   138.50
 495.   125.76    94.40    52.83    25.17    27.00    21.17    20.63   150.82   136.70   139.55   143.42   144.15   138.82   137.15
 500.   123.56    92.64    45.85    25.00    25.57    20.85    20.32   149.40   137.38   140.72   141.65   140.67   134.62   127.70
 505.   124.44    79.24    39.32    24.80    25.72    21.38    20.50   148.80   139.90   138.60   137.72   137.38   126.90   118.61
 510.   120.98    78.90    49.80    26.95    23.50    22.40    21.30   147.90   138.97   137.70   135.52   134.77   123.46   115.93
 515.   115.24    78.52    42.83    25.05    23.35    22.39    20.60   146.65   135.65   133.88   128.15   126.58   120.58   114.93
 520.   111.98    79.29    39.44    24.35    23.52    23.02    20.92   145.40   128.10   124.39   124.88   125.41   116.34   111.51
 525.   108.34    65.00    41.76    24.47    25.17    22.17    20.70   144.30   126.39   124.07   122.05   121.46   115.98   113.02
 530.   103.93    71.73    38.49    25.38    24.17    22.57    21.13   143.17   126.51   123.44   118.78   119.10   111.58   108.02
 535.    96.19    64.00    41.12    24.50    23.40    21.95    21.20   141.82   124.51   119.44   113.63   113.49   108.98   105.44
 540.    94.17    65.86    34.34    24.40    25.07    22.88    20.52   140.77   124.85   121.22   112.46   109.54   105.02   103.05
 545.    93.19    62.81    33.44    24.27    26.00    23.82    21.38   139.82   125.19   118.83   109.00   105.76   103.80   102.34
 550.    88.76    59.93    35.78    24.00    23.90    22.75    22.02   138.77   124.02   118.24   108.58   105.10   100.83    96.52
 555.    85.76    60.57    32.61    24.05    23.42    22.60    22.32   137.72   123.51   115.88   105.32   103.29    96.31    92.71
 560.    83.45    57.37    34.05    24.30    23.52    23.00    21.02   136.65   121.41   115.12   104.08   101.27    93.24    89.64
 565.    84.40    62.88    36.34    24.02    24.10    22.90    20.60   135.77   123.71   113.90   103.12    96.05    91.74    87.52
 570.    78.17    60.43    37.54    23.57    24.25    22.63    21.57   134.80   122.39   114.46   101.07    94.45    90.40    86.64
 575.    78.45    58.56    37.73    23.67    23.85    23.20    21.08   133.97   122.71   115.88    97.50    94.31    89.74    84.48
 580.    78.93    60.19    35.05    23.47    24.07    22.08    21.45   129.83   121.39   112.51    96.31    91.30    88.31    83.26
 585.    74.66    59.12    34.37    23.17    22.90    22.42    21.35   128.95   121.10   111.58    96.09    93.43    88.07    80.71
 590.    76.68    59.79    38.05    24.65    22.60    22.30    21.90   128.22   121.05   113.27    94.03    91.62    85.17    80.26
 595.    74.54    56.58    36.49    23.77    24.27    22.00    20.67   127.46   120.15   110.66    92.71    88.69    84.43    79.17
 600.    72.15    56.78    37.90    24.02    23.47    21.77    21.32   126.73   119.61   109.93    90.83    87.19    83.19    78.40
 605.    72.68    57.80    34.76    23.82    24.70    22.30    21.20   125.98   119.68   109.37    90.98    85.95    82.74    77.76
 610.    70.95    55.63    33.12    23.75    24.20    21.57    21.30   125.19   118.60   109.24    90.74    86.31    82.48    78.66
 615.    69.83    54.02    38.29    23.37    22.77    22.65    21.52   124.61   118.71   110.49    91.21    85.05    82.52    78.61
 620.    66.26    54.34    36.22    23.47    23.92    22.80    20.72   124.00   118.51   110.12    89.98    85.83    81.14    77.68
 625.    70.10    53.95    39.05    23.45    21.40    21.05    20.47   123.19   118.34   109.83    89.81    85.48    80.17    76.39
 630.    67.09    53.05    36.71    23.52    23.80    22.15    20.63   122.54   118.02   108.66    89.74    84.71    80.26    75.73
 635.    64.76    52.93    33.85    22.90    21.25    21.02    20.15   121.83   117.24   109.88    90.36    82.08    78.26    75.44
 640.    62.43    54.05    37.02    23.02    23.65    20.63    20.27   121.15   116.51   109.93    90.45    82.45    77.71    73.98
 645.    61.74    49.80    30.24    23.00    22.25    20.55    20.17   120.54   115.98   108.73    91.02    82.00    78.36    75.32
 650.    67.40    53.44    35.63    25.30    23.27    21.07    19.70   119.90   115.39   109.37    88.38    81.12    78.71    73.73
 655.    62.17    52.63    34.22    23.97    22.88    20.97    21.32   119.22   114.95   108.54    88.12    81.19    78.41    72.61
 660.    64.24    48.39    34.39    22.90    20.65    22.05    20.45   118.66   114.34   108.27    87.38    79.49    76.34    71.83
 665.    60.71    50.63    31.98    22.72    22.40    20.52    20.25   118.15   113.90   108.07    88.12    80.12    75.90    70.10
 670.    63.64    48.00    32.56    23.00    22.97    21.90    20.55   117.56   113.32   108.02    87.93    80.00    75.80    71.02
 675.    61.98    51.85    33.27    22.72    23.40    22.35    20.80   117.00   112.85   107.83    86.69    79.07    74.85    67.52
 680.    58.05    50.17    31.83    22.63    23.13    20.92    20.42   116.44   112.41   106.66    87.24    79.05    75.02    70.27
 685.    60.90    49.56    33.29    22.05    22.10    22.25    19.55   115.93   112.12   106.61    87.40    79.07    74.10    66.95
 690.    59.19    49.71    30.17    22.20    23.45    20.52    20.15   115.29   111.85   106.90    85.88    79.05    73.19    66.95
 695.    60.12    47.12    32.07    22.38    24.27    21.99    20.60   114.78   111.37   106.15    85.98    79.15    73.19    66.24
 700.    57.86    48.66    30.51    22.82    23.75    21.67    19.52   114.19   110.93   106.27    85.90    78.46    72.83    65.74
 705.    61.98    49.00    28.05    22.77    22.47    20.65    20.13   113.78   110.44   102.98    86.79    78.95    73.17    67.09
 710.    57.95    47.17    29.72    22.25    21.22    21.32    19.63   113.24   110.24   105.39    84.79    77.02    72.05    66.07
 715.    59.17    46.95    30.83    22.15    21.55    20.42    19.02   112.76   109.56   104.37    85.38    77.24    71.49    65.86
 720.    59.29    47.98    29.60    22.30    21.05    20.20    19.20   112.27   109.22   103.17    83.90    77.10    71.80    65.05
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PRC4-P-2-1
                                                                                    PAGE     4
TIME        0        1        2        3        4        5        6        7        8        9       10       11       12       13
 725.    62.59    43.68    31.68    23.32    21.42    20.52    19.40   111.80   108.68   104.32    84.90    75.68    71.07    65.14
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  0.    23.63    23.47    23.50    23.32    23.02    22.99    22.55    22.63    22.38    23.92    27.38     0.00     0.00     0.00
  0.    23.72    23.52    23.52    23.35    23.02    22.97    22.60    22.67    22.40    23.95    27.42     0.00     0.00     0.00
  0.    23.63    23.52    23.47    23.30    23.05    23.09    22.60    22.72    22.47    23.92    27.40     0.00     0.00     0.00
  0.    23.60    23.47    23.42    23.27    22.97    22.92    22.60    22.72    22.50    23.87    27.45     0.00     0.00     0.00
  0.    23.60    23.50    23.47    23.25    23.10    23.30    22.65    22.75    22.47    23.87    27.35     0.00     0.00     0.00
  5.    24.20    23.75    23.60    23.35    23.15    23.27    22.92    23.00    22.77    24.07    27.25     0.00     0.00     0.00
 10.    27.75    26.82    24.65    23.72    23.42    23.37    23.05    23.20    22.85    24.10    27.85     0.00     0.00     0.00
 15.    29.70    28.05    25.32    24.10    23.70    23.57    23.15    23.30    23.00    24.17    28.22     0.00     0.00     0.00
 20.    31.22    29.29    25.60    24.00    23.55    23.42    23.10    23.02    22.88    24.17    28.50     0.00     0.00     0.00
 25.    34.56    33.10    26.45    23.90    23.57    23.37    23.05    23.20    22.65    24.27    20.88     0.00     0.00     0.00
 30.    38.41    35.07    27.17    24.32    23.87    23.97    23.17    23.50    22.88    24.72    29.97     0.00     0.00     0.00
 35.    45.41    40.56    29.95    26.55    25.82    26.10    24.30    24.65    23.52    26.80    32.66     0.00     0.00     0.00
 40.    63.12    60.05    38.73    30.98    27.92    29.42    25.47    26.35    24.67    31.56    40.22     0.00     0.00     0.00
 45.   102.44    91.69    57.54    35.46    32.95    34.58    28.20    29.32    26.47    40.39    50.22     0.00     0.00     0.00
 50.   141.80   112.02    59.07    40.12    36.63    39.37    33.07    32.56    28.32    50.34    61.43     0.00     0.00     0.00
 55.   174.60   159.27    65.57    49.88    40.63    41.80    33.24    36.17    29.80    58.81    81.83     0.00     0.00     0.00
 60.   213.75   160.20    91.64    56.61    41.85    47.78    35.44    38.58    33.90    75.05   102.83     0.00     0.00     0.00
 65.   235.37   193.17   116.85    71.56    40.00    54.17    40.78    44.71    37.37    92.76   123.71     0.00     0.00     0.00
 70.   285.32   220.47   165.10    82.67    50.45    67.29    50.15    51.24    41.61   122.58   158.50     0.00     0.00     0.00
 75.   291.49   237.49   170.00    94.14    63.81    70.41    54.88    57.37    44.98   145.02   174.30     0.00     0.00     0.00
 80.   292.05   247.58   164.02   104.27    78.26    85.36    54.61    57.41    46.58   167.17   191.00     0.00     0.00     0.00
 85.   313.98   276.07   200.41   113.76    82.90    85.17    59.59    63.60    50.37   182.63   204.00     0.00     0.00     0.00
 90.   311.69   276.95   229.30   123.93    93.19   101.58    58.45    58.90    49.10   179.22   223.02     0.00     0.00     0.00
 95.   314.44   277.58   207.44   123.93    91.14   109.24    70.61    65.24    49.05   182.40   227.95     0.00     0.00     0.00
100.   322.33   289.32   195.02   128.41    96.24   112.61    62.93    62.33    50.37   179.57   234.93     0.00     0.00     0.00
105.   343.50   306.39   233.37   135.92    96.07   110.15    67.64    65.57    53.85   183.70   244.66     0.00     0.00     0.00
110.   344.37   305.19   243.34   143.83    94.98   102.76    71.00    67.40    55.29   192.97   247.66     0.00     0.00     0.00
115.   340.74   316.19   238.39   143.95   102.58   107.83    66.26    74.02    56.41   190.38   258.54     0.00     0.00     0.00
120.   327.40   297.68   229.93   147.80   106.27   115.44    74.39    73.12    55.78   184.52   255.98     0.00     0.00     0.00
125.   329.93   305.00   239.32   155.92   106.49   103.29    74.56    73.93    57.93   181.37   257.80     0.00     0.00     0.00
130.   356.21   340.34   262.10   171.40   114.98   118.05    77.90    73.54    58.90   194.02   263.85     0.00     0.00     0.00
135.   342.39   312.83   232.00   161.72   111.49   118.88    77.86    78.66    50.73   193.88   264.61     0.00     0.00     0.00
140.   343.90   313.61   252.34   179.77    95.83   110.32    79.50    79.21    58.37   201.27   263.41     0.00     0.00     0.00
145.   361.59   342.51   267.07   166.80   128.76   115.39    78.37    78.01    60.19   204.12   272.41     0.00     0.00     0.00
150.   324.05   296.76   237.32   166.82   117.58   110.61    76.71    81.50    59.93   197.10   270.10     0.00     0.00     0.00
155.   329.67   315.71   236.46   174.70   128.30   122.22    80.19    75.17    57.15   186.52   258.37     0.00     0.00     0.00
160.   313.43   291.27   234.19   169.92   125.98   119.39    76.44    72.76    58.40   165.75   257.39     0.00     0.00     0.00
165.   311.86   292.27   245.73   175.42   123.68   109.66    71.19    70.32    56.80   175.50   254.95     0.00     0.00     0.00
170.   317.02   279.58   245.37   177.75   110.32   106.19    71.90    73.00    56.71   185.95   256.19     0.00     0.00     0.00
175.   322.55   303.17   251.49   152.50   101.58   100.29    71.80    75.56    58.00   163.27   254.61     0.00     0.00     0.00
180.   325.33   314.67   241.22   147.75   105.51   111.07    76.22    74.32    59.71   164.27   254.22     0.00     0.00     0.00
185.   326.17   293.83   226.35   148.17   120.90   112.76    74.17    73.22    58.21   161.72   250.02     0.00     0.00     0.00
190.   321.93   311.74   269.00   157.30   120.85   124.05    76.66    77.54    60.29   184.47   254.19     0.00     0.00     0.00
195.   317.90   312.63   265.32   158.25   125.66   139.07    79.59    76.02    58.86   180.77   255.76     0.00     0.00     0.00
200.   321.24   315.31   283.93   175.87   133.37   136.88    85.98    81.59    60.83   186.60   252.44     0.00     0.00     0.00
205.   315.64   314.58   282.29   205.56   110.51   123.17    91.71    78.62    63.26   178.32   258.54     0.00     0.00     0.00
210.   315.95   291.93   237.12   177.07   120.76   127.10    84.69    83.26    61.14   182.70   255.54     0.00     0.00     0.00
215.   311.83   281.12   238.93   179.22   133.35   122.12    78.29    80.02    61.29   178.92   254.58     0.00     0.00     0.00
220.   292.83   278.58   250.71   179.13   117.88   114.17    74.15    76.45    59.07   175.65   252.51     0.00     0.00     0.00
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TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
 225.   303.80   283.32   243.80   160.60   109.85   106.17    66.95    69.63    58.15   173.90   250.93     0.00     0.00     0.00
 230.   312.19   272.83   206.19   152.35   111.93   114.39    74.83    72.49    57.54   161.47   247.37     0.00     0.00     0.00
 235.   295.32   261.44   205.93   148.57    95.48   105.46    74.44    70.61    58.93   163.52   243.37     0.00     0.00     0.00
 240.   294.80   277.51   214.55   144.12   108.88   108.73    67.33    67.79    56.88   154.67   240.41     0.00     0.00     0.00
 245.   296.37   264.19   219.82   145.65   104.41   114.19    70.34    70.00    58.09   153.70   240.37     0.00     0.00     0.00
 250.   292.56   272.32   205.17   129.76    80.52   105.19    72.27    73.49    57.98   165.75   236.37     0.00     0.00     0.00
 255.   288.07   253.10   203.54   150.27    91.62    92.57    72.56    69.90    57.61   147.88   238.07     0.00     0.00     0.00
 260.   276.41   243.44   216.07   155.30   101.39   110.27    67.26    66.12    55.24   149.95   236.19     0.00     0.00     0.00
 265.   275.68   242.41   200.67   147.15   104.61   103.10    72.02    74.58    52.83   138.52   231.37     0.00     0.00     0.00
 270.   266.29   231.49   202.82   154.35   115.02   107.19    71.54    71.34    53.83   151.15   230.58     0.00     0.00     0.00
 275.   281.49   247.58   207.07   151.97   107.78    88.98    64.71    64.95    54.85   150.50   228.83     0.00     0.00     0.00
 280.   267.24   240.93   205.73   150.00    97.45    92.90    66.57    64.45    55.49   147.97   232.85     0.00     0.00     0.00
 285.   266.71   247.17   205.98   139.35    93.76    95.98    65.57    69.93    58.41   164.27   230.42     0.00     0.00     0.00
 290.   271.68   252.27   196.20   129.32    88.71    91.71    62.55    71.51    58.76   156.35   230.02     0.00     0.00     0.00
 295.   257.58   233.83   184.57   123.15    89.07    90.38    60.40    72.29    58.39   151.82   227.05     0.00     0.00     0.00
 300.   259.34   228.60   193.27   135.47   106.54   101.27    70.24    69.65    56.54   141.92   223.75     0.00     0.00     0.00
 305.   241.05   220.02   186.00   129.10   104.34    96.62    62.71    69.68    56.00   130.35   220.92     0.00     0.00     0.00
 310.   238.29   218.02   190.05   150.10    95.45   101.73    66.86    65.67    54.37   149.30   218.97     0.00     0.00     0.00
 315.   246.07   219.85   195.35   140.47    81.81    79.57    61.62    69.63    56.15   137.42   215.85     0.00     0.00     0.00
 320.   250.29   228.65   185.60   134.37    91.76    93.48    61.59    65.12    55.15   134.27   214.35     0.00     0.00     0.00
 325.   248.68   232.76   184.70   117.98    87.00    86.95    64.50    66.79    56.56   148.22   206.44     0.00     0.00     0.00
 330.   247.61   225.05   180.15   128.46    88.07    90.69    73.44    67.86    54.27   139.10   204.78     0.00     0.00     0.00
 335.   248.29   230.07   183.77   120.95    83.48    89.81    70.34    65.76    53.93   136.22   203.29     0.00     0.00     0.00
 340.   242.56   232.40   169.27   124.15    84.90    91.52    65.33    64.88    56.71   145.95   201.05     0.00     0.00     0.00
 345.   234.83   201.24   179.77   136.70    87.50    84.12    61.62    60.45    52.15   133.50   198.71     0.00     0.00     0.00
 350.   232.82   202.55   173.10   133.37    88.88    80.24    60.12    59.81    50.29   129.24   201.00     0.00     0.00     0.00
 355.   229.57   201.00   173.90   124.02    80.31    81.95    58.00    58.56    49.32   122.34   198.45     0.00     0.00     0.00
 360.   206.66   190.45   170.32   124.93    76.58    75.76    55.49    58.02    51.54   126.00   196.17     0.00     0.00     0.00
 365.   208.12   189.80   150.72   107.00    73.54    74.73    55.83    58.81    51.15   126.66   193.10     0.00     0.00     0.00
 370.   199.15   179.97   137.30   105.56    69.54    73.12    57.44    57.88    50.78   109.19   190.65     0.00     0.00     0.00
 375.   202.68   166.30   135.88   103.24    81.81    70.41    55.58    58.98    48.56   113.19   187.92     0.00     0.00     0.00
 380.   201.65   173.88   142.50   107.44    85.31    73.66    54.32    57.00    45.27   116.02   185.47     0.00     0.00     0.00
 385.   186.92   166.37   135.13   104.24    78.56    76.63    54.71    54.29    46.22   102.54   183.25     0.00     0.00     0.00
 390.   189.02   153.88   129.46   103.71    69.61    63.14    52.90    53.93    45.34   115.54   181.37     0.00     0.00     0.00
 395.   185.05   162.10   129.44   101.83    63.89    69.71    53.46    56.00    45.34   107.39   179.10     0.00     0.00     0.00
 400.   182.92   167.72   134.32    96.14    67.64    72.41    53.93    55.63    45.39   112.70   176.90     0.00     0.00     0.00
 405.   177.83   154.05   129.76   104.41    64.59    70.05    51.39    55.07    45.22   110.46   175.17     0.00     0.00     0.00
 410.   178.42   150.55   121.95   101.85    73.19    65.24    52.19    58.64    45.39   109.68   173.42     0.00     0.00     0.00
 415.   175.30   151.75   133.37   104.61    67.00    63.07    54.24    57.78    44.12   114.83   171.90     0.00     0.00     0.00
 420.   173.40   152.67   138.65   102.51    65.95    64.99    54.85    53.85    42.83   102.08   170.27     0.00     0.00     0.00
 425.   169.62   151.00   121.27    94.21    67.76    65.83    56.66    52.02    42.85    93.21   168.55     0.00     0.00     0.00
 430.   166.85   143.10   115.19    90.69    64.90    59.88    59.22    50.93    43.32    96.86   167.07     0.00     0.00     0.00
 435.   164.92   138.92   118.63    92.40    57.88    57.90    50.02    53.90    44.27    92.29   165.55     0.00     0.00     0.00
 440.   162.70   150.75   113.80    88.90    62.14    57.90    49.95    54.39    43.88    89.52   164.00     0.00     0.00     0.00
 445.   160.17   145.07   118.71    86.19    59.98    58.49    50.68    54.24    44.49    96.24   162.38     0.00     0.00     0.00
 450.   167.82   139.27   116.17    81.95    56.63    56.49    45.95    50.22    44.19    92.00   160.90     0.00     0.00     0.00
 455.   157.50   124.88   104.46    80.00    62.74    58.66    47.68    49.05    43.17    90.83   159.50     0.00     0.00     0.00
 460.   153.72   128.32   109.07    79.39    54.66    56.03    43.02    49.66    43.66    89.07   157.80     0.00     0.00     0.00
 465.   146.35   121.24    93.48    78.17    53.90    58.85    46.80    49.44    41.80    90.55   156.42     0.00     0.00     0.00
 470.   142.42   117.29    93.43    75.34    51.41    55.29    42.83    47.00    42.90    91.88   155.13     0.00     0.00     0.00
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TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
 475.   139.80   109.76    91.71    72.90    58.51    57.93    45.41    46.02    40.66    89.36   153.82     0.00     0.00     0.00
 480.   134.77   103.41    91.67    72.17    60.38    56.88    47.56    44.51    40.56    83.38   152.50     0.00     0.00     0.00
 485.   134.47   107.93    91.48    76.37    53.37    51.66    44.07    44.71    40.27    87.24   151.05     0.00     0.00     0.00
 490.   123.95   104.78    88.52    74.22    56.24    59.12    47.10    47.29    38.19    81.83   149.67     0.00     0.00     0.00
 495.   120.29    95.52    80.98    71.66    52.71    54.63    45.46    45.24    39.32    79.07   148.55     0.00     0.00     0.00
 500.   118.37   100.27    84.12    73.02    49.76    47.95    41.22    46.73    39.17    79.38   147.35     0.00     0.00     0.00
 505.   110.37    95.62    81.05    72.32    52.51    47.63    42.02    45.51    38.98    79.09   145.95     0.00     0.00     0.00
 510.   108.56    93.33    80.62    69.85    52.17    53.32    41.46    43.05    37.29    80.43   144.60     0.00     0.00     0.00
 515.   106.05    90.90    77.73    62.83    47.54    51.68    44.27    42.54    37.54    78.45   143.15     0.00     0.00     0.00
 520.   101.80    90.36    79.76    61.67    49.39    51.93    41.61    42.07    36.68    76.78   141.92     0.00     0.00     0.00
 525.   106.22    91.57    73.32    59.36    45.73    48.46    39.88    42.54    36.80    70.66   140.70     0.00     0.00     0.00
 530.   102.95    87.45    73.61    60.67    44.32    48.51    38.27    38.54    36.78    62.50   139.30     0.00     0.00     0.00
 535.    94.62    82.00    69.90    61.21    48.58    46.32    40.29    39.44    34.27    65.17   138.22     0.00     0.00     0.00
 540.    97.09    82.33    71.78    60.98    48.17    46.46    37.90    39.90    35.58    67.09   136.88     0.00     0.00     0.00
 545.    92.09    79.83    71.00    59.38    44.10    43.27    38.78    38.32    37.32    65.83   135.45     0.00     0.00     0.00
 550.    88.21    78.07    65.90    57.83    45.15    44.73    38.56    37.76    35.68    63.76   134.47     0.00     0.00     0.00
 555.    88.69    79.19    67.67    57.88    48.32    48.22    39.17    38.78    35.41    61.81   133.72     0.00     0.00     0.00
 560.    82.57    77.95    67.17    58.73    47.00    46.58    39.32    38.63    33.68    62.12   129.37     0.00     0.00     0.00
 565.    80.88    74.24    65.71    58.02    43.90    47.76    39.07    39.37    33.54    65.71   128.41     0.00     0.00     0.00
 570.    83.45    76.90    64.67    58.07    48.88    48.56    38.07    38.00    34.05    57.29   127.37     0.00     0.00     0.00
 575.    80.98    77.15    65.21    56.58    46.73    47.37    39.32    37.27    33.00    58.55   126.61     0.00     0.00     0.00
 580.    78.24    74.12    64.83    55.07    43.63    47.24    39.05    38.12    32.44    57.51   125.71     0.00     0.00     0.00
 585.    78.46    72.68    61.09    56.88    44.58    42.78    39.80    38.61    34.22    58.02   124.90     0.00     0.00     0.00
 590.    79.02    72.27    61.64    55.44    44.61    43.29    37.61    37.66    33.61    58.56   124.19     0.00     0.00     0.00
 595.    77.76    69.58    61.12    55.12    47.49    42.61    35.58    37.46    34.00    58.88   123.29     0.00     0.00     0.00
 600.    78.44    72.46    60.38    55.19    44.05    43.76    34.85    36.15    32.19    60.29   122.93     0.00     0.00     0.00
 605.    77.00    67.79    59.71    54.10    43.15    42.12    34.93    36.66    33.66    58.48   122.19     0.00     0.00     0.00
 610.    74.66    66.62    57.93    51.85    42.98    42.00    36.83    37.24    32.32    57.56   121.39     0.00     0.00     0.00
 615.    74.34    66.45    58.71    53.27    47.95    43.51    35.98    35.71    32.02    56.41   121.02     0.00     0.00     0.00
 620.    73.56    66.00    61.48    53.15    43.85    45.03    35.51    35.24    32.73    58.00   120.44     0.00     0.00     0.00
 625.    73.17    62.43    60.40    52.54    44.73    44.63    36.12    35.63    32.37    58.73   119.88     0.00     0.00     0.00
 630.    71.93    64.26    58.50    51.29    45.56    43.02    36.41    36.15    33.02    55.58   119.34     0.00     0.00     0.00
 635.    71.93    63.02    59.45    50.56    45.93    43.85    36.54    35.17    31.66    56.39   118.95     0.00     0.00     0.00
 640.    71.10    65.24    58.74    51.88    45.56    43.39    36.46    34.58    31.46    56.02   118.37     0.00     0.00     0.00
 645.    70.44    62.83    59.07    51.12    44.80    41.95    34.76    33.90    33.15    53.03   117.95     0.00     0.00     0.00
 650.    71.05    62.29    57.98    50.17    43.27    44.15    36.34    34.05    31.24    56.29   117.27     0.00     0.00     0.00
 655.    67.40    62.76    58.12    48.71    43.61    42.49    35.93    35.49    30.58    55.46   116.88     0.00     0.00     0.00
 660.    66.79    62.50    55.41    49.61    41.17    40.88    33.19    35.80    31.37    56.46   116.41     0.00     0.00     0.00
 665.    66.12    60.48    55.76    49.88    42.41    42.44    36.00    34.78    31.27    55.61   116.05     0.00     0.00     0.00
 670.    65.62    60.95    56.71    51.12    39.73    39.37    32.27    33.07    32.73    54.83   115.58     0.00     0.00     0.00
 675.    65.00    61.43    56.05    49.76    41.05    39.22    32.76    33.90    31.78    56.07   115.02     0.00     0.00     0.00
 680.    64.12    60.76    55.49    49.22    41.93    42.22    33.76    33.95    30.19    54.46   114.68     0.00     0.00     0.00
 685.    64.81    60.57    55.83    48.24    43.46    42.19    33.78    33.83    32.56    52.51   114.22     0.00     0.00     0.00
 690.    63.90    59.88    54.83    48.19    41.54    40.15    34.93    34.51    31.73    52.73   113.88     0.00     0.00     0.00
 695.    63.93    58.52    52.90    47.63    41.61    41.00    34.29    33.76    31.12    53.63   113.49     0.00     0.00     0.00
 700.    63.76    58.19    54.95    47.34    39.32    41.54    34.63    33.85    30.51    50.88   113.02     0.00     0.00     0.00
 705.    64.40    58.50    54.66    48.37    41.32    42.32    35.02    34.54    29.95    49.07   112.56     0.00     0.00     0.00
 710.    63.31    58.26    54.66    47.27    42.10    41.76    34.44    32.58    30.15    50.51   112.10     0.00     0.00     0.00
 715.    62.64    58.09    51.66    45.46    40.61    40.76    33.24    32.07    31.02    51.29   111.68     0.00     0.00     0.00
 720.    63.98    58.98    53.78    46.66    39.46    37.80    31.29    30.78    31.63    50.02   111.34     0.00     0.00     0.00
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                                                                                                PAGE     8
TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
 725.   62.21    58.51    51.24    46.56    39.83    38.19    30.98    31.17    31.80    47.22   110.85     0.00     0.00     0.00
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TIME      28      29      30      31        32      33      34      35      36      37      38      39      40      41
  0.    0.00    0.00   19.85  6204.16    0.01   -0.00   -0.01   -0.32    0.00    0.00    0.00    0.00   21.00    3.37
  0.    0.00    0.00   30.09  6189.73    0.01   -0.01   -0.01    0.39    0.00    0.00    0.00    0.00   21.01   -1.50
  0.    0.00    0.00   40.55  6195.50    0.01   -0.01   -0.01    0.16    0.00    0.00    0.00    0.00   20.92    0.84
  0.    0.00    0.00   50.80  6175.29    0.01   -0.01   -0.01    0.15    0.00    0.00    0.00    0.00   20.92   -1.85
  0.    0.00    0.00   60.08  6178.18    0.01   -0.00   -0.01    0.30    0.00    0.00    0.00    0.00   20.92   -0.55
  0.    0.00    0.00   70.30  6178.18    0.01   -0.01   -0.01    0.16    0.00    0.00    0.00    0.00   20.92   -0.31
  5.    0.00    0.00   10.59  6207.05    0.01   -0.01   -0.01    0.30    0.00    0.00    0.00    0.00   20.87    1.91
 10.    0.00    0.00   19.84  6198.39    0.01   -0.00    0.00    0.51    0.00    0.00    0.00    0.00   20.86    0.03
 15.    0.00    0.00   30.08  6215.71    0.01   -0.00    0.00    0.10    0.00    0.00    0.00    0.00   20.85    2.81
 20.    0.00    0.00   40.56  6238.81    0.01   -0.00    0.00    0.23    0.00    0.00    0.00    0.00   20.76    0.86
 25.    0.00    0.00   50.79  6192.61    0.02   -0.00    0.00   -0.21    0.00    0.00    0.00    0.00   20.70    1.50
 30.    0.00    0.00   60.07  6195.50    0.03    0.01    0.03   -0.17    0.00    0.00    0.00    0.00   20.68    1.35
 35.    0.00    0.00   70.32  6224.37    0.07    0.04    0.10   -0.16    0.00    0.00    0.00    0.00   20.65    4.21
 40.    0.00    0.00   10.60  6172.40    0.13    0.07    0.18    1.16    0.00    0.00    0.00    0.00   20.55    5.05
 45.    0.00    0.00   19.85  6134.88    0.20    0.10    0.31    1.29    0.00    0.00    0.00    0.00   20.36    5.74
 50.    0.00    0.00   30.09  6082.91    0.28    0.13    0.51    0.06    0.00    0.00    0.00    0.00   19.95    9.00
 55.    0.00    0.00   40.57  5964.54    0.33    0.16    0.65   -0.51    0.00    0.00    0.00    0.00   19.39    8.24
 60.    0.00    0.00   50.80  5944.33    0.48    0.19    0.84   -0.62    0.00    0.00    0.00    0.00   18.64    8.03
 65.    0.00    0.00   60.09  5823.07    0.66    0.26    1.45   -0.54    0.00    0.00    0.00    0.00   17.83    9.89
 70.    0.00    0.00   70.33  5742.24    0.88    0.31    1.99   -0.79    0.00    0.00    0.00    0.00   17.20   11.72
 75.    0.00    0.00   10.60  5664.29    0.93    0.32    2.49    3.88    0.00    0.00    0.00    0.00   15.97    4.18
 80.    0.00    0.00   19.88  5407.35    0.95    0.30    2.29    2.41    0.00    0.00    0.00    0.00   14.77    8.47
 85.    0.00    0.00   30.11  5441.99    1.05    0.32    2.61   -0.96    0.00    0.00    0.00    0.00   14.21   12.94
 90.    0.00    0.00   40.57  5254.34    0.99    0.29    2.43   -0.66    0.00    0.00    0.00    0.00   13.76    9.40
 95.    0.00    0.00   50.81  5121.54    0.97    0.26    2.32   -0.67    0.00    0.00    0.00    0.00   13.52   14.30
100.    0.00    0.00   60.08  5084.01    1.04    0.25    2.36   -1.00    0.00    0.00    0.00    0.00   13.55    6.66
105.    0.00    0.00   70.32  4981.92    1.07    0.26    2.48   -0.86    0.00    0.00    0.00    0.00   13.75    9.19
110.    0.00    0.00   10.60  4812.63    1.12    0.26    2.62    3.99    0.00    0.00    0.00    0.00   14.05    6.56
115.    0.00    0.00   19.85  4731.79    1.08    0.24    2.41    3.02    0.00    0.00    0.00    0.00   13.83    8.11
120.    0.00    0.00   30.08  4552.80    1.19    0.25    2.70    0.95    0.00    0.00    0.00    0.00   13.87   10.56
125.    0.00    0.00   40.55  4466.18    1.20    0.22    2.55   -0.69    0.00    0.00    0.00    0.00   14.00   13.38
130.    0.00    0.00   50.79  4350.70    1.21    0.20    2.37   -0.89    0.00    0.00    0.00    0.00   14.03    9.93
135.    0.00    0.00   60.06  4281.42    1.19    0.20    2.21   -1.01    0.00    0.00    0.00    0.00   14.24    5.91
140.    0.00    0.00   70.30  4200.59    1.19    0.20    2.12    0.89    0.00    0.00    0.00    0.00   14.69   10.65
145.    0.00    0.00   10.59  4085.10    1.24    0.22    2.41    3.76    0.00    0.00    0.00    0.00   14.70    7.39
150.    0.00    0.00   19.84  3959.62    1.14    0.20    2.18    2.84    0.00    0.00    0.00    0.00   14.82    8.23
155.    0.00    0.00   30.08  3903.22    1.03    0.16    1.79   -0.18    0.00    0.00    0.00    0.00   14.74    7.25
160.    0.00    0.00   40.55  3819.50    1.08    0.17    2.01   -0.44    0.00    0.00    0.00    0.00   15.03   10.26
165.    0.00    0.00   50.79  3692.47    1.03    0.15    1.87   -0.62    0.00    0.00    0.00    0.00   15.40   11.12
170.    0.00    0.00   60.06  3654.94    0.96    0.14    1.65    0.59    0.00    0.00    0.00    0.00   15.52   12.57
175.    0.00    0.00   70.30  3530.80    0.92    0.13    1.61    0.85    0.00    0.00    0.00    0.00   15.66   11.00
180.    0.00    0.00   10.60  3470.17    0.96    0.13    1.61    3.89    0.00    0.00    0.00    0.00   15.76   12.60
185.    0.00    0.00   19.84  3392.23    0.95    0.12    1.62    3.04    0.00    0.00    0.00    0.00   16.08   11.07
190.    0.00    0.00   30.09  3268.09    1.10    0.13    1.75    0.62    0.00    0.00    0.00    0.00   16.19   10.63
195.    0.00    0.00   40.55  3117.96    1.05    0.12    1.63   -0.81    0.00    0.00    0.00    0.00   16.06    5.24
200.    0.00    0.00   50.79  3126.62    1.06    0.12    1.67   -0.86    0.00    0.00    0.00    0.00   16.22    6.73
205.    0.00    0.00   60.07  3042.90    1.02    0.12    1.63    0.57    0.00    0.00    0.00    0.00   16.10    9.43
210.    0.00    0.00   70.31  2901.43    0.93    0.12    1.53   -0.97    0.00    0.00    0.00    0.00   15.96   13.87
215.    0.00    0.00   10.60  2794.62    0.93    0.11    1.45    3.73    0.00    0.00    0.00    0.00   15.99    9.73
220.    0.00    0.00   19.85  2762.85    0.98    0.10    1.46    3.24    0.00    0.00    0.00    0.00   16.11    9.62
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TIME      28       29       30      31       32       33       34       35       36       37       38       39       40       41
 225.    0.00     0.00    30.09  2653.15    0.88     0.10     1.36     0.10     0.00     0.00     0.00     0.00    16.28    10.54
 230.    0.00     0.00    40.56  2624.28    0.82     0.09     1.21    -0.62     0.00     0.00     0.00     0.00    16.50     9.23
 235.    0.00     0.00    50.81  2563.66    0.82     0.09     1.15    -0.89     0.00     0.00     0.00     0.00    16.48     8.24
 240.    0.00     0.00    60.08  2477.04    0.77     0.09     1.12    -0.81     0.00     0.00     0.00     0.00    16.75     9.38
 245.    0.00     0.00    70.33  2419.31    0.81     0.09     1.17    -0.68     0.00     0.00     0.00     0.00    16.65     9.07
 250.    0.00     0.00    10.60  2332.69    0.75     0.07     0.99     3.53     0.00     0.00     0.00     0.00    16.98     8.34
 255.    0.00     0.00    19.88  2312.49    0.78     0.03     1.02     2.47     0.00     0.00     0.00     0.00    16.94     8.64
 260.    0.00     0.00    30.11  2260.52    0.75     0.03     1.03     0.78     0.00     0.00     0.00     0.00    17.06     7.65
 265.    0.00     0.00    40.58  2173.91    0.72     0.03     1.04    -0.52     0.00     0.00     0.00     0.00    17.06     7.26
 270.    0.00     0.00    50.82  2110.40    0.75     0.07     0.98    -0.62     0.00     0.00     0.00     0.00    17.11     5.41
 275.    0.00     0.00    60.09  2029.56    0.71     0.07     0.84    -0.79     0.00     0.00     0.00     0.00    17.27     9.51
 280.    0.00     0.00    70.34  1980.48    0.71     0.07     0.89     0.57     0.00     0.00     0.00     0.00    17.34     9.21
 285.    0.00     0.00    10.60  1908.31    0.73     0.06     0.90     3.01     0.00     0.00     0.00     0.00    17.32    11.77
 290.    0.00     0.00    19.87  1916.97    0.73     0.07     0.85     2.07     0.00     0.00     0.00     0.00    17.48    13.33
 295.    0.00     0.00    30.11  1781.28    0.66     0.07     0.78     0.76     0.00     0.00     0.00     0.00    17.57     6.70
 300.    0.00     0.00    40.58  1775.50    0.70     0.06     0.82    -0.71     0.00     0.00     0.00     0.00    17.56    10.54
 305.    0.00     0.00    50.82  1709.10    0.61     0.06     0.72    -0.72     0.00     0.00     0.00     0.00    17.56     5.25
 310.    0.00     0.00    60.09  1651.36    0.62     0.06     0.73    -0.88     0.00     0.00     0.00     0.00    17.76     9.19
 315.    0.00     0.00    70.33  1602.29    0.60     0.06     0.68    -0.84     0.00     0.00     0.00     0.00    17.72     5.79
 320.    0.00     0.00    10.60  1599.40    0.60     0.05     0.69     3.17     0.00     0.00     0.00     0.00    17.80     6.53
 325.    0.00     0.00    19.87  1561.87    0.58     0.06     0.66     2.38     0.00     0.00     0.00     0.00    18.02     7.95
 330.    0.00     0.00    30.12  1509.90    0.58     0.06     0.65     0.05     0.00     0.00     0.00     0.00    18.17     7.48
 335.    0.00     0.00    40.58  1489.69    0.55     0.05     0.65    -0.56     0.00     0.00     0.00     0.00    18.09     6.28
 340.    0.00     0.00    50.83  1460.82    0.55     0.05     0.57    -0.79     0.00     0.00     0.00     0.00    18.15     7.22
 345.    0.00     0.00    60.09  1411.74    0.50     0.05     0.52    -0.74     0.00     0.00     0.00     0.00    18.30     6.61
 350.    0.00     0.00    70.33  1400.86    0.49     0.05     0.55    -0.74     0.00     0.00     0.00     0.00    18.34     7.18
 355.    0.00     0.00    10.60  1325.13    0.44     0.05     0.50     2.96     0.00     0.00     0.00     0.00    18.49     7.32
 360.    0.00     0.00    19.87  1310.70    0.44     0.05     0.51     2.00     0.00     0.00     0.00     0.00    18.46     8.15
 365.    0.00     0.00    30.11  1310.70    0.43     0.05     0.47     0.11     0.00     0.00     0.00     0.00    18.54     4.72
 370.    0.00     0.00    40.58  1284.71    0.42     0.04     0.44    -0.62     0.00     0.00     0.00     0.00    18.63     4.82
 375.    0.00     0.00    50.82  1241.41    0.42     0.04     0.42    -0.42     0.00     0.00     0.00     0.00    18.70     6.26
 380.    0.00     0.00    60.10  1238.52    0.40     0.04     0.38    -0.72     0.00     0.00     0.00     0.00    18.73     7.89
 385.    0.00     0.00    70.33  1177.90    0.39     0.04     0.38    -0.71     0.00     0.00     0.00     0.00    18.80     9.20
 390.    0.00     0.00    10.60  1198.10    0.38     0.04     0.36     2.48     0.00     0.00     0.00     0.00    18.84     9.87
 395.    0.00     0.00    19.88  1163.46    0.37     0.04     0.34     1.39     0.00     0.00     0.00     0.00    18.92     7.32
 400.    0.00     0.00    30.11  1146.14    0.36     0.04     0.33     0.06     0.00     0.00     0.00     0.00    19.02     5.10
 405.    0.00     0.00    40.59  1105.72    0.34     0.04     0.31     0.15     0.00     0.00     0.00     0.00    19.06     3.60
 410.    0.00     0.00    50.82  1085.51    0.33     0.04     0.30    -0.86     0.00     0.00     0.00     0.00    19.16     5.42
 415.    0.00     0.00    60.10  1050.87    0.33     0.04     0.30    -0.44     0.00     0.00     0.00     0.00    19.19     6.12
 420.    0.00     0.00    70.34  1022.00    0.32     0.03     0.28    -0.63     0.00     0.00     0.00     0.00    19.25     4.72
 425.    0.00     0.00    10.61  1039.32    0.31     0.03     0.28     2.43     0.00     0.00     0.00     0.00    19.26     6.67
 430.    0.00     0.00    19.80  1039.32    0.30     0.03     0.25     1.61     0.00     0.00     0.00     0.00    19.29     4.77
 435.    0.00     0.00    30.11  1013.34    0.30     0.03     0.24     0.33     0.00     0.00     0.00     0.00    19.34     4.72
 440.    0.00     0.00    40.58   993.13    0.27     0.03     0.23     0.10     0.00     0.00     0.00     0.00    19.37     6.48
 445.    0.00     0.00    50.82   995.02    0.27     0.03     0.23    -0.50     0.00     0.00     0.00     0.00    19.40     8.76
 450.    0.00     0.00    60.10   981.58    0.26     0.03     0.21     0.16     0.00     0.00     0.00     0.00    19.43     8.54
 455.    0.00     0.00    70.33   941.16    0.25     0.03     0.20    -0.59     0.00     0.00     0.00     0.00    19.48     5.33
 460.    0.00     0.00    10.61   964.26    0.24     0.03     0.19     2.14     0.00     0.00     0.00     0.00    19.50     3.89
 465.    0.00     0.00    19.87   961.37    0.24     0.03     0.19     1.08     0.00     0.00     0.00     0.00    19.55     3.84
 470.    0.00     0.00    30.10   949.82    0.23     0.03     0.18     0.10     0.00     0.00     0.00     0.00    19.59     3.76
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PRC4-P-2-1                                                              PAGE    11

TIME     28      29      30      31      32      33      34      35      36      37      38      39      40      41
 475.   0.00    0.00   40.57  903.63   0.22    0.02    0.16   -0.52    0.00    0.00    0.00    0.00   19.65    5.92
 480.   0.00    0.00   50.80  923.84   0.22    0.02    0.15   -0.17    0.00    0.00    0.00    0.00   19.69    5.47
 485.   0.00    0.00   60.09  929.61   0.20    0.02    0.14   -0.48    0.00    0.00    0.00    0.00   19.74    4.41
 490.   0.00    0.00   70.32  845.89   0.19    0.02    0.13   -0.58    0.00    0.00    0.00    0.00   19.77    5.46
 495.   0.00    0.00   10.60  886.31   0.18    0.02    0.14    1.84    0.00    0.00    0.00    0.00   19.82    4.90
 500.   0.00    0.00   19.86  906.52   0.17    0.02    0.13    1.34    0.00    0.00    0.00    0.00   19.89    3.57
 505.   0.00    0.00   30.09  892.08   0.16    0.02    0.13   -0.41    0.00    0.00    0.00    0.00   19.93    2.20
 510.   0.00    0.00   40.57  871.87   0.16    0.02    0.14    0.13    0.00    0.00    0.00    0.00   19.97    3.84
 515.   0.00    0.00   50.80  877.65   0.15    0.02    0.13   -0.10    0.00    0.00    0.00    0.00   20.02    5.59
 520.   0.00    0.00   60.07  915.18   0.15    0.02    0.13    0.32    0.00    0.00    0.00    0.00   20.09    7.22
 525.   0.00    0.00   70.32  860.33   0.14    0.02    0.13   -0.47    0.00    0.00    0.00    0.00   20.14    4.04
 530.   0.00    0.00   10.61  903.40   0.13    0.02    0.12    1.66    0.00    0.00    0.00    0.00   20.19    3.91
 535.   0.00    0.00   19.86  909.40   0.13    0.02    0.12    1.18    0.00    0.00    0.00    0.00   20.25    2.88
 540.   0.00    0.00   30.10  866.10   0.13    0.02    0.11    0.09    0.00    0.00    0.00    0.00   20.30    1.50
 545.   0.00    0.00   40.57  863.21   0.12    0.02    0.11    0.07    0.00    0.00    0.00    0.00   20.37    1.14
 550.   0.00    0.00   50.82  909.40   0.12    0.02    0.11   -0.74    0.00    0.00    0.00    0.00   20.42   -0.27
 555.   0.00    0.00   60.08  883.42   0.12    0.02    0.11   -0.66    0.00    0.00    0.00    0.00   20.46    4.04
 560.   0.00    0.00   70.32  851.66   0.12    0.02    0.10   -0.53    0.00    0.00    0.00    0.00   20.51    3.90
 565.   0.00    0.00   10.60  889.19   0.11    0.02    0.10    1.51    0.00    0.00    0.00    0.00   20.54    2.59
 570.   0.00    0.00   19.86  920.95   0.11    0.02    0.10    0.79    0.00    0.00    0.00    0.00   20.57    0.65
 575.   0.00    0.00   30.12  871.87   0.11    0.02    0.10    0.05    0.00    0.00    0.00    0.00   20.59    3.81
 580.   0.00    0.00   40.58  894.97   0.12    0.02    0.10    0.31    0.00    0.00    0.00    0.00   20.63    3.33
 585.   0.00    0.00   50.82  903.63   0.11    0.02    0.10   -0.30    0.00    0.00    0.00    0.00   20.67    4.95
 590.   0.00    0.00   60.09  906.52   0.11    0.01    0.10   -0.39    0.00    0.00    0.00    0.00   20.69    0.37
 595.   0.00    0.00   70.32  828.57   0.10    0.02    0.10   -0.32    0.00    0.00    0.00    0.00   20.72    5.32
 600.   0.00    0.00   10.60  880.54   0.10    0.02    0.10    1.40    0.00    0.00    0.00    0.00   20.72   -0.04
 605.   0.00    0.00   19.85  871.87   0.10    0.02    0.10    0.72    0.00    0.00    0.00    0.00   20.73    1.32
 610.   0.00    0.00   30.09  880.54   0.10    0.01    0.10    0.07    0.00    0.00    0.00    0.00   20.75    2.17
 615.   0.00    0.00   40.56  871.87   0.10    0.01    0.10   -0.32    0.00    0.00    0.00    0.00   20.75    2.93
 620.   0.00    0.00   50.79  866.10   0.10    0.01    0.10    0.20    0.00    0.00    0.00    0.00   20.76    5.23
 625.   0.00    0.00   60.07  889.19   0.09    0.01    0.10   -0.73    0.00    0.00    0.00    0.00   20.78    2.04
 630.   0.00    0.00   70.30  926.73   0.09    0.01    0.11   -0.51    0.00    0.00    0.00    0.00   20.79    2.50
 635.   0.00    0.00   10.60  894.97   0.10    0.02    0.12    1.18    0.00    0.00    0.00    0.00   20.81    0.27
 640.   0.00    0.00   19.85  892.08   0.09    0.01    0.13   -0.29    0.00    0.00    0.00    0.00   20.81    5.34
 645.   0.00    0.00   30.09  920.95   0.09    0.01    0.13   -0.62    0.00    0.00    0.00    0.00   20.80    2.38
 650.   0.00    0.00   40.56  926.73   0.09    0.02    0.12   -0.64    0.00    0.00    0.00    0.00   20.81    2.46
 655.   0.00    0.00   50.81  857.44   0.09    0.02    0.13    0.32    0.00    0.00    0.00    0.00   20.81    1.25
 660.   0.00    0.00   60.09  918.06   0.09    0.02    0.12   -0.87    0.00    0.00    0.00    0.00   20.82    2.64
 665.   0.00    0.00   70.33  863.21   0.09    0.02    0.13   -0.36    0.00    0.00    0.00    0.00   20.82    3.28
 670.   0.00    0.00   10.60  900.74   0.09    0.01    0.12    1.22    0.00    0.00    0.00    0.00   20.83    0.40
 675.   0.00    0.00   19.86  874.76   0.09    0.02    0.13    0.92    0.00    0.00    0.00    0.00   20.84    5.41
 680.   0.00    0.00   30.10  915.18   0.08    0.02    0.13   -0.23    0.00    0.00    0.00    0.00   20.84    0.68
 685.   0.00    0.00   40.57  871.87   0.08    0.02    0.12    0.05    0.00    0.00    0.00    0.00   20.84    1.79
 690.   0.00    0.00   50.81  897.86   0.09    0.01    0.12    0.11    0.00    0.00    0.00    0.00   20.85   -0.64
 695.   0.00    0.00   60.07  923.84   0.08    0.01    0.12   -0.60    0.00    0.00    0.00    0.00   20.85    4.43
 700.   0.00    0.00   70.32  906.52   0.08    0.01    0.12   -0.65    0.00    0.00    0.00    0.00   20.85    3.09
 705.   0.00    0.00   10.60  912.29   0.08    0.02    0.11    1.17    0.00    0.00    0.00    0.00   20.85    2.11
 710.   0.00    0.00   19.84  894.97   0.08    0.01    0.12    0.90    0.00    0.00    0.00    0.00   20.86    6.75
 715.   0.00    0.00   30.09  900.74   0.09    0.01    0.12    0.11    0.00    0.00    0.00    0.00   20.86    1.30
 720.   0.00    0.00   40.54  860.33   0.08    0.01    0.12   -0.27    0.00    0.00    0.00    0.00   20.86    4.27
```

```
TIME     28      29      30      31      32      33      34      35      36      37      38      39      40      41
 725.   0.00    0.00   50.79  894.97   0.07    0.01    0.11   -0.22    0.00    0.00    0.00    0.00   20.86    3.58
```

```
TIME       42       43       44       45       46       47       48
   0.   -0.97     0.16     0.41    -0.26     2.30     0.00     0.00
   0.    0.94    -0.57    -0.13    -1.88    -0.41     0.00     0.00
   0.   -0.65    -0.14     0.93    -0.23     0.11     0.00     0.00
   0.    1.25    -0.27    -0.07     0.10    -1.29     0.00     0.00
   0.   -0.20     0.77     0.09    -0.49     1.66     0.00     0.00
   0.   -0.36     0.06    -1.23     2.76    -2.38     0.00     0.00
   5.   -0.51    -0.31     0.04     0.43     1.59     0.00     5.00
  10.    1.65    -1.25     1.03    -0.60    -0.13     0.00    10.00
  15.   -1.23     2.12    -0.81    -0.39     2.36     0.01    15.00
  20.    1.17    -1.07     0.39     0.12    -0.54     0.08    20.00
  25.   -0.24    -0.29     1.60    -0.93     1.93     0.09    25.00
  30.    0.00     1.30     0.41     0.34     2.07     0.10    30.00
  35.    1.63     1.00     1.45    -0.13     1.35     0.14    35.00
  40.    1.75     2.48     0.06    -1.25     0.50     0.32    40.00
  45.    6.89     0.22    -0.93     0.12    -0.54     0.67    45.00
  50.    5.76     1.09    -0.10     1.75    -1.57     1.35    50.00
  55.    2.45     4.47     0.36    -1.27     2.22     2.13    55.00
  60.    7.34    -0.27     1.24     2.06    -3.71     3.10    60.00
  65.    4.72     3.09     1.85    -2.58    -0.49     3.81    65.00
  70.    9.31     5.67     0.56    -5.67     4.51     4.64    70.00
  75.    8.97     4.16    -2.12    -0.00     2.59     6.32    75.00
  80.    9.30     4.19     2.93    -2.39    -1.90     6.78    80.00
  85.    8.10     7.55    -0.85    -0.46     0.91     6.88    85.00
  90.    6.31     6.94    -2.77     0.72    -1.54     7.40    90.00
  95.    2.94     8.37    -2.02    -3.06     0.91     7.64    95.00
 100.    9.15     5.93     0.48    -3.24    -0.89     7.14   100.00
 105.    7.03     5.88    -1.01    -1.37     0.90     6.95   105.00
 110.    7.42     8.43    -5.33    -2.80     3.54     6.74   110.00
 115.    5.02     5.05    -0.82    -2.70     3.46     7.30   115.00
 120.    3.20     6.47     2.05    -2.44     1.64     6.82   120.00
 125.    8.86     2.92    -0.85     1.02     2.74     7.19   125.00
 130.    6.55     5.25     0.54    -2.13     1.00     6.55   130.00
 135.    9.22     3.06     0.57     0.39    -1.03     6.11   135.00
 140.    7.45     6.19     0.71    -1.21    -0.84     6.38   140.00
 145.    6.17     7.77    -1.72     0.79    -1.39     6.00   145.00
 150.    8.56     2.03     1.85     0.23     0.65     6.02   150.00
 155.   10.04     3.10     1.10     1.05    -1.42     6.17   155.00
 160.    8.78     5.97    -0.86    -2.38     4.88     5.73   160.00
 165.    7.85     2.77    -0.19    -3.76     3.29     5.47   165.00
 170.    8.69     4.89     1.96     0.49     2.00     5.29   170.00
 175.    8.71     0.37     3.80    -0.68     1.06     5.12   175.00
 180.    8.55     5.21     1.28    -2.34     0.42     4.92   180.00
 185.    5.97     5.17    -1.15     1.86    -1.42     4.43   185.00
 190.    8.57     6.41    -0.12    -1.10     2.48     4.57   190.00
 195.    8.31     5.82    -3.43     1.32     1.13     4.69   195.00
 200.    7.56     1.90     1.64    -4.90     5.72     4.63   200.00
 205.    6.19     6.74    -1.89     1.27     0.26     4.63   205.00
 210.    9.13     2.72    -0.35    -2.39    -3.15     4.48   210.00
 215.    9.60     2.36     1.72     2.66    -1.54     4.64   215.00
 220.    8.72     4.36    -4.00    -0.19     1.39     4.60   220.00
```

TIME	42	43	44	45	46	47	48
225.	6.16	4.19	1.89	-1.34	0.21	4.36	225.00
230.	7.00	2.25	2.56	-1.15	1.39	4.19	230.00
235.	8.83	3.43	0.34	-2.35	-0.49	4.01	235.00
240.	7.55	2.44	0.01	3.00	-2.67	3.78	240.00
245.	6.16	1.35	2.28	-0.32	1.23	4.01	245.00
250.	2.74	5.85	0.59	-3.82	1.74	3.79	250.00
255.	8.97	7.19	-1.78	-1.84	-0.87	3.77	255.00
260.	7.80	2.15	1.35	-1.13	-2.45	3.57	260.00
265.	9.79	6.10	0.77	-2.54	1.66	3.90	265.00
270.	10.68	1.50	-2.12	-2.32	-0.29	3.56	270.00
275.	5.53	2.22	-0.04	0.45	2.30	3.50	275.00
280.	9.19	3.83	0.55	0.88	-1.86	3.38	280.00
285.	4.43	4.46	1.79	-2.39	2.53	3.51	285.00
290.	2.88	3.39	-0.15	1.62	-0.96	3.11	290.00
295.	9.33	5.59	1.00	-2.84	0.88	3.08	295.00
300.	4.49	4.72	1.63	-1.01	-0.00	3.16	300.00
305.	6.97	0.57	0.69	1.25	-1.83	3.00	305.00
310.	4.01	5.85	-0.83	-1.09	0.48	2.96	310.00
315.	4.04	3.21	1.85	-2.08	2.48	3.00	315.00
320.	5.72	5.15	-1.90	-0.53	2.55	2.86	320.00
325.	5.29	4.24	-0.52	-1.77	-0.73	2.49	325.00
330.	6.43	2.31	-1.15	0.11	-2.79	2.57	330.00
335.	5.08	2.32	-0.01	-0.90	1.24	2.63	335.00
340.	3.66	3.99	1.25	-1.09	-1.19	2.56	340.00
345.	9.36	4.01	-1.59	1.13	-1.89	2.37	345.00
350.	3.04	3.87	1.02	-1.58	0.91	2.38	350.00
355.	4.51	3.03	1.34	-0.58	-1.52	2.28	355.00
360.	2.50	3.73	1.59	-3.76	2.32	2.20	360.00
365.	7.63	1.56	0.34	-0.93	-0.20	2.08	365.00
370.	6.34	1.47	-1.07	-1.89	-0.87	2.05	370.00
375.	4.82	2.54	-0.12	-2.04	1.30	2.00	375.00
380.	4.80	3.38	1.04	-2.54	-1.50	2.03	380.00
385.	2.20	4.69	-1.00	0.29	1.74	1.92	385.00
390.	2.33	2.63	0.55	0.41	-0.12	1.83	390.00
395.	6.17	3.92	0.43	1.47	-3.67	1.76	395.00
400.	4.75	1.37	0.24	-1.53	0.42	1.66	400.00
405.	5.98	1.83	0.07	-1.22	0.04	1.59	405.00
410.	3.79	2.98	-1.71	0.17	0.03	1.53	410.00
415.	5.34	1.09	1.73	-0.45	1.19	1.51	415.00
420.	6.42	2.95	-1.28	1.46	1.03	1.42	420.00
425.	2.84	3.76	-1.98	0.28	2.19	1.47	425.00
430.	5.20	1.08	0.42	-1.91	-1.02	1.49	430.00
435.	5.03	0.14	0.39	0.11	-2.92	1.34	435.00
440.	2.95	4.10	-1.52	0.26	-0.48	1.34	440.00
445.	0.37	3.71	-0.73	0.06	0.36	1.28	445.00
450.	0.46	2.55	0.05	-0.76	0.58	1.27	450.00
455.	1.87	4.25	-0.98	1.37	-1.90	1.22	455.00
460.	2.82	1.80	-0.58	0.09	-1.68	1.22	460.00
465.	5.17	1.22	-1.89	0.14	-1.21	1.15	465.00
470.	4.04	0.83	0.34	1.22	-0.48	1.10	470.00

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TIME       42       43       44       45       46        47       48
 475.     3.51     0.24     1.52     0.57    -2.05      1.07   475.00
 480.     2.01     4.48    -1.96     0.09     2.19      1.01   480.00
 485.     1.30     2.91     0.45    -0.79     1.45      0.96   485.00
 490.     3.83    -1.26     3.26    -1.61     1.10      0.93   490.00
 495.     0.83     4.06    -1.45     1.26     0.56      0.89   495.00
 500.     0.54     2.85     0.88    -1.53     2.23      0.89   500.00
 505.     3.60    -1.03     1.76    -1.40    -1.19      0.74   505.00
 510.     0.68     3.16     1.13    -1.38     2.20      0.73   510.00
 515.     0.37     0.97     0.70    -1.19     0.82      0.67   515.00
 520.    -0.39     1.25     1.02     0.31     0.93      0.56   520.00
 525.     3.24    -0.75     2.12    -1.11     1.29      0.54   525.00
 530.     2.56    -1.61     2.70    -1.70    -0.42      0.47   530.00
 535.     0.64     0.34     0.97    -0.81    -0.67      0.40   535.00
 540.     3.61    -1.13     0.29     1.41    -1.48      0.35   540.00
 545.     4.38    -0.54     0.08     0.59    -0.71      0.28   545.00
 550.     3.78    -1.06     0.37    -1.34    -0.03      0.26   550.00
 555.     1.13     1.62    -0.77     0.73    -0.28      0.19   555.00
 560.     0.78     0.60     0.61    -2.63    -0.23      0.17   560.00
 565.     2.68    -2.28     2.99    -1.25     1.29      0.15   565.00
 570.     4.20    -2.59     2.43     0.58    -1.00      0.15   570.00
 575.     3.20    -1.97     1.37     1.11    -3.05      0.10   575.00
 580.     1.95     1.22    -0.20     1.29     0.35      0.08   580.00
 585.    -1.57     1.87    -0.48     0.94    -2.48      0.03   585.00
 590.     3.28    -0.43     1.81    -2.14     0.14      0.04   590.00
 595.     0.90    -1.30     1.18     0.33    -0.02      0.03   595.00
 600.     3.47    -1.84     0.54    -2.11    -1.32      0.03   600.00
 605.     1.83     0.41     1.01    -0.03    -0.05      0.02   605.00
 610.     2.30     0.94    -0.41    -1.28    -0.52      0.02   610.00
 615.     1.92    -0.80     1.04    -0.35    -0.35      0.02   615.00
 620.    -0.77     1.46    -1.00     2.79    -0.85      0.01   620.00
 625.     1.94     0.77    -0.72     0.69     1.06      0.01   625.00
 630.     1.96    -2.00     1.08     0.18     0.29      0.00   630.00
 635.     4.71    -3.96     4.33    -3.00     1.93      0.00   635.00
 640.    -1.50     2.80    -1.12    -1.84    -0.34      0.00   640.00
 645.     0.03     1.11     0.54    -1.13     0.20      0.00   645.00
 650.     1.73    -2.11     2.54    -0.46    -0.42      0.00   650.00
 655.     1.20    -0.65     1.42    -1.94    -0.55      0.00   655.00
 660.     1.32    -0.94     2.04    -0.81     1.16      0.00   660.00
 665.     0.22     0.85     0.05    -0.23     2.29      0.00   665.00
 670.     2.90    -0.72    -0.63     1.85    -1.54      0.00   670.00
 675.    -3.16     3.03    -0.48    -1.55     0.94      0.00   675.00
 680.     1.80     0.42    -0.02    -1.27     2.43      0.00   680.00
 685.     2.97    -1.00     1.24     0.02     1.16      0.00   685.00
 690.    -0.18     3.20    -0.80    -1.77     0.68      0.00   690.00
 695.    -0.67     0.58    -0.49     0.76    -0.80      0.00   695.00
 700.     0.47    -1.70     1.42     0.46    -0.10      0.00   700.00
 705.     0.96     1.10    -0.25    -1.25     0.45      0.00   705.00
 710.    -2.56     2.76    -1.14     1.73     0.82      0.00   710.00
 715.     1.12    -0.82     0.86    -0.24     0.59      0.00   715.00
 720.    -0.03     0.80    -1.03     1.62     0.25      0.00   720.00
```

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TIME      42       43       44       45       46       47       49
 725.   -1.34     3.47    -2.70     1.38     2.11     0.00   725.00
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PRC6-P-3-1                                                         PAGE     1

TIME       0        1        2        3        4        5        6        7        8        9       10       11       12       13
   0.    26.67    23.72    22.27    22.20    21.90    21.10    20.05    31.49    32.07    31.41    29.73    28.27    26.70    25.88
   0.    26.88    23.85    22.17    21.77    21.82    21.10    20.13    31.54    32.05    31.32    29.54    28.27    26.75    25.80
   0.    26.67    23.35    21.82    21.60    21.57    21.07    20.32    31.46    32.05    31.34    29.46    28.32    26.70    25.80
   0.    26.55    23.50    22.17    21.57    21.27    21.15    21.02    31.51    32.10    31.34    29.63    28.37    26.65    25.90
   0.    26.70    23.82    22.72    21.82    21.25    20.82    20.60    31.54    32.05    31.29    29.51    28.45    26.75    25.90
   0.    26.50    23.57    21.95    21.70    21.60    20.82    20.65    31.51    32.00    31.32    29.51    28.40    26.70    25.92
   5.    77.67    66.43    31.05    22.52    21.15    20.10    19.72    57.80   113.73    90.88    82.69    74.58    61.26    54.76
  10.   100.32    40.90    22.65    21.85    20.63    20.05    20.00    53.49    95.31    96.67    92.26    87.79    85.59    73.71
  15.    78.76    52.02    21.50    21.35    21.05    20.20    20.32    51.10    90.69    91.31    87.31    83.36    79.40    74.56
  20.    80.59    57.32    22.82    21.33    21.25    20.27    20.22    50.44    85.86    85.59    83.79    78.67    78.27    72.15
  25.    80.98    75.22    25.80    21.92    21.10    20.50    20.13    55.41    84.48    83.62    80.50    77.79    78.90    78.90
  30.   101.37    78.81    31.22    22.00    21.55    20.80    20.32    65.17   111.90    97.55    94.71    88.57    86.29    85.71
  35.   138.07   113.83    59.19    22.12    22.25    21.13    20.35    77.49   171.22   142.00   127.34   120.49   124.61   123.29
  40.   222.88   192.40    76.17    23.20    23.15    21.42    20.75   121.15   251.56   215.35   200.93   192.88   203.95   197.47
  45.   309.02   289.00    93.52    25.30    24.05    23.05    21.27   181.30   343.29   317.49   291.17   206.27   295.46   286.24
  50.   349.52   319.50    76.00    29.15    22.60    24.72    22.95   251.58   434.84   403.50   369.32   366.74   365.76   353.33
  55.   381.67   350.69    67.40    29.71    23.15    24.47    22.42   310.64   512.32   475.12   452.62   437.86   423.09   397.38
  60.   394.29   357.38   112.78    32.07    23.95    24.70    23.37   361.76   552.14   515.24   473.02   464.19   460.71   430.48
  65.   409.07   360.00   113.80    34.17    29.10    23.90    22.92   421.08   586.98   555.58   542.62   520.24   496.67   458.37
  70.   440.00   421.43   183.45    35.49    29.15    26.77    24.05   435.42   605.95   564.65   545.81   528.14   519.20   479.53
  75.   460.00   437.91   198.35    36.00    31.83    25.72    25.38   491.90   659.05   633.09   584.65   558.37   550.48   512.09
  80.   454.19   424.76   126.51    38.22    29.67    27.27    24.42   513.95   659.30   653.57   631.90   609.05   558.60   524.88
  85.   463.25   457.38   138.70    41.80    30.66    25.72    24.75   554.19   698.33   662.56   643.57   608.84   591.43   549.05
  90.   479.77   468.37   143.85    44.32    32.12    28.17    25.47   590.46   720.00   699.05   660.70   654.28   626.43   584.76
  95.   480.00   455.95   194.72    45.83    33.88    26.07    25.95   607.62   716.43   692.38   671.67   657.38   635.95   604.52
 100.   503.48   435.95   214.65    44.51    37.49    25.88    24.82   624.52   719.28   695.00   672.14   658.57   633.81   603.81
 105.   515.95   490.93   255.10    44.39    37.37    27.30    23.70   646.90   740.00   716.43   699.05   667.44   657.86   625.95
 110.   540.00   529.53   230.49    45.39    41.02    29.37    26.02   688.09   824.63   795.12   741.19   715.48   685.00   650.24
 115.   500.71   524.19   225.92    46.46    39.68    29.97    26.22   711.19   828.78   809.76   749.76   719.28   661.06   650.00
 120.   491.63   547.62   315.98    53.73    35.22    29.62    27.63   701.19   800.49   778.54   727.62   708.09   667.91   649.28
 125.   517.38   512.86   266.88    51.49    39.58    30.90    27.30   707.38   795.85   776.10   735.71   713.57   689.28   656.19
 130.   479.53   495.24   346.41    51.19    33.71    29.44    26.88   694.28   773.41   740.24   720.95   701.90   685.24   654.28
 135.   496.90   519.76   242.46    52.76    40.71    29.90    25.97   702.38   768.33   745.71   718.81   699.28   669.76   635.71
 140.   468.60   513.72   232.76    50.12    32.61    31.22    26.30   699.28   773.66   735.71   719.05   703.33   664.60   647.14
 145.   460.23   512.32   327.43    52.37    32.46    34.27    28.10   691.90   743.57   725.24   704.76   691.90   658.14   643.57
 150.   462.32   490.46   266.51    51.78    29.13    31.27    28.35   693.01   743.33   724.28   709.76   695.00   670.48   638.81
 155.   493.49   510.93   302.29    54.66    54.17    29.25    25.07   687.62   736.43   725.00   710.00   694.05   667.62   625.95
 160.   453.09   518.09   225.97    51.02    45.63    30.69    27.60   698.81   741.90   719.76   695.00   661.63   645.71   612.62
 165.   469.07   519.76   251.83    57.95    29.93    29.54    26.57   707.86   778.05   725.95   693.81   668.01   631.19   588.57
 170.   477.21   513.02   231.40    63.43    48.29    31.66    25.72   713.09   751.90   726.43   691.90   668.57   638.57   584.88
 175.   430.71   480.23   242.66    61.55    35.63    29.62    26.65   712.14   751.67   718.33   666.28   657.86   600.93   584.28
 180.   439.07   515.35   228.68    59.36    35.93    31.93    26.42   689.05   721.67   699.05   661.86   659.76   633.33   587.44
 185.   460.46   492.09   239.12    55.95    47.88    31.34    26.05   688.57   733.33   710.00   685.71   664.76   641.90   608.57
 190.   450.46   498.37   226.40    54.68    41.71    36.37    27.07   667.91   716.67   692.86   664.28   637.38   607.86   559.53
 195.   464.88   500.00   258.49    54.07    29.72    36.07    26.40   662.56   702.62   663.72   659.05   641.19   601.06   563.72
 200..  451.63   497.62   226.27    54.37    30.83    26.60    27.15   668.57   694.76   660.93   655.00   640.48   624.76   590.71
 205.   451.86   451.19   221.65    52.29    29.27    37.29    26.97   660.48   666.98   667.14   646.19   633.09   599.53   584.52
 210.   459.76   474.08   206.49    48.98    30.51    29.56    29.85   643.33   658.84   660.24   646.43   631.19   612.14   557.91
 215.   426.67   457.38   247.56    54.76    35.07    37.63    29.05   635.95   659.05   634.28   609.76   593.09   555.12   525.12
 220.   452.14   474.88   217.42    54.68    39.51    29.44    28.30   669.07   648.33   634.05   624.76   612.62   584.19   555.81
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PRC6-P-3-1                                                              PAGE     2

TIME       0         1         2         3         4         5         6         7         8         9        10        11        12        13
 225.    404.88    455.12    197.90     57.32     37.54     27.85     26.80    626.67    654.05    631.19    602.09    586.74    559.53    521.86
 230.    432.32    461.86    198.45     49.49     44.73     37.58     27.07    610.24    635.48    607.67    608.09    583.72    562.32    520.93
 235.    387.38    389.52    189.92     48.41     50.07     28.20     24.77    604.28    606.51    604.76    590.48    562.79    544.42    517.91
 240.    386.90    455.48    179.90     48.19     30.29     35.46     27.12    586.90    586.51    587.86    558.84    542.09    522.09    496.98
 245.    398.33    433.02    202.42     47.29     28.45     37.24     26.85    562.32    586.67    561.86    552.32    552.38    518.37    499.28
 250.    401.19    406.74    194.52     46.37     45.80     29.57     25.72    549.07    562.79    553.25    550.24    522.56    513.81    479.30
 255.    406.28    428.33    178.20     46.17     32.68     29.47     25.80    544.76    544.42    550.95    543.33    521.16    514.28    472.79
 260.    406.67    407.91    154.80     54.15     45.58     31.61     27.15    513.25    520.70    516.98    511.39    516.67    493.95    480.23
 265.    406.67    403.81    167.32     48.71     29.29     31.39     24.90    501.43    490.70    491.16    494.76    491.90    471.86    460.70
 270.    366.02    393.93    180.70     43.93     44.88     27.52     23.82    472.09    473.95    472.79    468.37    463.72    460.95    433.49
 275.    365.88    369.86    148.97     54.27     36.00     30.29     25.02    460.93    463.25    459.53    455.35    451.86    454.76    431.39
 280.    365.81    355.43    151.72     45.07     35.49     25.70     23.82    457.86    456.67    452.14    436.05    440.71    429.29    402.79
 285.    344.80    340.45    139.70     41.27     40.98     27.35     25.88    436.58    433.46    437.50    429.79    427.29    406.16    404.24
 290.    328.55    343.49    151.27     39.56     43.83     25.00     23.05    434.09    431.59    424.55    409.00    401.67    403.57    394.00
 295.    313.32    315.71    123.10     38.24     35.32     31.51     23.55    423.26    421.64    405.56    409.07    404.67    395.45    384.38
 300.    316.69    341.44    129.37     37.41     39.51     27.17     24.88    402.23    407.93    406.83    403.79    399.90    394.74    389.83
 305.    311.90    339.54    133.92     36.27     29.66     29.85     24.70    398.40    388.52    386.17    384.67    387.67    371.56    366.67
 310.    314.49    317.45    116.83     35.15     25.75     35.51     25.63    388.43    371.28    369.26    367.95    367.49    369.19    361.43
 315.    303.49    314.45    104.44     35.90     27.10     27.27     23.00    368.98    365.02    365.00    366.09    364.88    359.40    353.59
 320.    294.00    312.81    121.37     34.61     35.80     27.17     22.50    367.40    355.69    355.59    355.71    355.36    351.48    347.33
 325.    282.68    302.85    104.76     33.80     33.56     26.05     23.25    359.09    348.79    348.14    345.83    344.52    345.63    343.88
 330.    265.19    292.00    120.37     39.19     32.39     23.15     22.05    348.79    340.66    344.22    342.93    341.61    328.19    321.57
 335.    268.39    296.88     95.07     34.37     36.46     24.63     22.07    342.12    328.29    327.00    328.21    327.07    323.50    318.67
 340.    246.34    265.22    104.58     33.51     28.80     26.77     23.00    342.63    317.50    316.67    319.00    318.59    312.71    313.98
 345.    260.27    276.46     96.76     37.39     30.88     27.50     23.02    326.74    317.80    311.02    310.69    310.69    313.24    309.71
 350.    231.92    261.22     88.74     49.58     34.22     24.77     22.52    321.05    310.88    309.58    312.10    306.61    302.76    291.36
 355.    227.00    260.32    111.51     37.17     26.30     29.71     24.25    316.26    306.49    302.73    301.90    302.24    296.85    291.32
 360.    229.70    252.12     96.00     32.71     33.49     24.20     23.65    316.34    294.63    290.93    297.19    296.41    290.76    283.56
 365.    229.75    244.68    105.10     29.00     21.50     23.72     24.13    312.44    294.66    290.49    288.56    287.88    282.41    279.44
 370.    207.41    200.27    103.93     33.51     29.63     23.42     23.80    308.12    292.71    287.41    278.24    277.05    271.76    265.12
 375.    198.63    236.85     77.29     30.19     29.37     24.97     20.70    302.17    276.07    271.24    272.76    271.73    268.19    262.73
 380.    203.22    202.29     89.36     29.55     33.73     23.17     23.13    291.69    281.19    277.44    273.46    270.17    266.61    264.61
 385.    202.32    206.34     72.80     29.66     35.19     22.52     20.87    294.83    277.51    273.49    267.80    264.51    259.07    252.34
 390.    188.87    206.34    101.68     27.27     23.13     22.32     21.30    288.90    263.98    262.54    260.49    259.61    254.80    250.54
 395.    198.72    218.82     79.51     28.30     32.29     21.88     20.90    285.61    263.00    261.17    257.44    254.66    250.76    249.17
 400.    172.92    186.02     90.40     25.72     23.87     27.02     20.20    282.51    263.83    259.78    251.95    250.51    245.76    242.46
 405.    170.38    163.87     76.76     29.55     21.45     19.85     22.30    279.02    259.00    255.37    243.02    239.32    235.17    228.61
 410.    165.50    177.67     79.57     35.39     19.77     19.45     19.32    275.54    252.76    244.41    239.73    234.71    233.25    231.35
 415.    146.32    140.95     82.86     32.12     30.51     19.67     19.77    272.34    250.10    244.27    236.27    233.51    232.97    227.90
 420.    133.72    138.97     57.44     29.46     30.99     20.15     19.25    268.71    245.07    240.10    237.44    233.19    227.02    219.92
 425.    140.22    139.27     65.98     27.47     30.46     20.10     20.42    266.27    247.68    230.90    233.22    228.98    227.32    217.85
 430.    134.42    155.92     74.10     27.75     32.73     21.40     20.17    262.73    240.19    234.27    229.73    230.90    221.17    214.07
 435.    117.63    141.22     65.79     29.32     32.07     21.77     20.97    260.46    241.10    230.34    229.07    224.35    217.38    202.22
 440.    117.05    129.93     66.07     27.77     25.77     19.30     19.88    257.70    234.51    230.97    222.70    216.32    206.02    198.57
 445.    109.93    119.15     59.52     27.55     29.15     21.27     19.97    254.00    236.93    229.97    217.65    208.10    201.85    195.30
 450.    116.83    133.50     69.76     26.95     30.51     24.67     20.42    251.93    234.07    226.90    215.07    202.37    197.45    190.47
 455.    112.98    122.80     60.98     26.30     22.02     22.00     20.63    249.17    231.95    223.30    207.19    200.00    199.77    184.27
 460.    105.24    113.90     57.80     31.80     31.68     20.92     19.67    246.90    229.71    223.45    204.27    197.88    191.57    178.45
 465.    101.15    111.19     52.61     28.30     26.80     20.15     19.52    245.90    231.70    216.60    201.35    193.82    165.67    175.30
 470.     90.38    102.12     53.19     26.82     23.65     19.10     19.47    241.63    231.02    217.40    198.02    191.00    102.10    167.02
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 480.   86.81  103.49   57.24   24.67   23.65   22.20   18.80  236.90  224.42  207.44  189.10  182.10  171.70  162.72
 485.   89.43  102.51   56.95   25.70   29.40   20.60   19.13  234.66  223.00  203.56  193.72  182.42  168.17  161.10
 490.   83.29   94.52   59.71   25.67   28.40   20.85   19.05  232.51  219.88  200.46  192.15  177.32  167.13  157.42
 495.   75.05   88.62   57.86   26.27   29.90   20.05   19.40  230.32  219.05  198.66  184.80  174.30  166.25  155.22
 500.   79.07   88.36   46.22   26.20   29.32   21.72   19.82  228.29  216.32  198.44  182.05  170.57  163.42  152.82
 505.   80.86   88.36   58.40   25.57   28.10   20.90   19.27  231.97  213.90  199.73  178.45  165.65  158.08  149.12
 510.   81.05   89.88   51.83   24.90   28.47   20.20   20.47  230.10  214.52  199.34  179.42  161.35  155.47  145.30
 515.   78.19   90.12   57.05   24.40   22.77   22.42   20.27  228.30  207.17  202.22  174.15  159.22  151.22  143.55
 520.   79.29   88.38   56.02   23.65   26.67   19.13   19.22  226.42  213.52  200.90  171.22  160.57  152.92  142.80
 525.   77.83   83.69   58.00   25.88   27.10   19.25   20.95  224.52  206.88  200.57  170.32  157.77  149.50  140.63
 530.   76.66   87.98   53.83   25.72   22.40   20.32   20.13  222.95  206.24  200.42  175.77  155.75  148.17  135.85
 535.   77.71   81.33   57.07   25.45   27.35   21.10   19.92  221.50  204.61  200.82  174.07  152.05  143.85  133.77
 540.   75.19   80.09   52.93   24.92   29.76   20.87   19.97  219.00  203.66  199.07  171.50  152.72  139.45  133.62
 545.   73.37   79.07   54.29   24.57   23.57   18.95   20.02  218.12  202.27  195.92  167.77  149.97  141.05  128.76
 550.   70.41   74.93   52.95   24.67   21.27   19.47   19.38  216.17  200.71  197.38  167.57  148.55  137.95  126.17
 555.   70.88   75.37   54.12   28.85   24.42   19.80   19.88  214.77  199.22  196.32  163.62  146.07  134.95  124.80
 560.   70.63   76.46   53.93   25.38   26.02   20.32   20.27  208.29  199.32  196.37  164.17  145.80  136.00  122.02
 565.   67.76   76.44   54.12   24.38   24.45   21.92   20.50  206.61  201.35  194.15  162.05  139.55  134.22  121.66
 570.   66.00   73.22   49.61   25.60   27.25   19.50   20.25  205.05  200.30  195.05  160.38  139.45  128.41  119.83
 575.   67.59   75.07   59.12   24.75   27.45   18.00   18.57  203.71  199.05  192.60  164.50  140.13  126.15  117.98
 580.   67.52   67.76   49.66   23.47   24.80   18.40   18.13  202.41  198.05  189.80  161.67  138.92  126.60  117.37
 585.   64.74   71.78   46.37   22.80   23.65   18.20   18.72  201.19  196.50  190.95  160.55  135.85  124.44  116.10
 590.   64.71   71.68   51.88   23.92   25.07   20.63   18.90  199.85  196.00  189.42  160.22  134.60  122.85  115.66
 595.   63.76   72.78   47.98   23.72   25.13   19.60   19.05  198.49  194.50  188.22  159.68  136.32  121.19  113.22
 600.   66.69   73.15   54.88   24.65   25.72   21.15   18.77  202. 5  192.42  183.10  158.07  133.92  119.00  112.63
 605.   61.00   70.05   45.76   25.60   22.25   20.25   18.85  200.90  192.12  187.07  158.67  135.40  122.02  112.56
 610.   62.79   70.56   43.58   24.27   25.27   20.87   19.38  199.52  191.82  184.52  154.38  134.55  118.68  110.51
 615.   64.45   67.17   47.68   23.70   26.75   20.30   21.50  198.45  191.45  184.65  155.27  129.19  117.54  112.19
 620.   60.79   63.74   49.10   23.37   21.50   20.45   20.65  197.38  189.02  183.22  152.82  128.71  118.41  107.98
 625.   60.98   63.05   47.00   23.25   24.72   19.97   19.82  196.10  187.25  182.80  149.70  128.51  119.07  108.95
 630.   60.26   69.85   49.58   22.92   23.87   19.97   19.77  195.10  186.75  181.15  151.13  126.61  117.27  106.02
 635.   59.09   65.55   41.58   22.15   22.85   21.55   18.97  194.00  186.42  179.37  149.00  124.73  118.10  107.41
 640.   59.38   64.88   45.10   23.75   22.25   20.25   20.05  192.90  184.67  178.13  149.72  125.19  114.46  107.02
 645.   59.81   59.69   49.88   22.57   22.57   19.92   20.17  191.70  182.85  177.27  147.10  123.37  112.93  104.78
 650.   58.95   64.26   46.29   23.40   22.97   19.42   19.72  190.67  182.02  176.22  147.40  125.44  112.71  103.34
 655.   59.19   62.59   44.05   24.13   21.25   20.50   21.07  189.62  181.40  175.35  147.97  123.29  110.32  101.02
 660.   59.21   63.59   37.90   24.57   21.57   21.40   20.45  188.60  180.77  174.57  146.55  121.17  109.61   97.19
 665.   57.66   63.48   46.17   24.50   21.88   20.63   21.22  187.67  179.25  173.07  144.35  119.46  110.24  100.05
 670.   57.41   63.90   42.68   24.95   22.17   22.75   20.80  186.50  178.95  172.92  142.85  118.22  109.98  100.24
 675.   58.12   62.09   39.90   23.87   20.75   22.35   21.10  185.65  178.25  172.08  141.47  118.76  109.32   95.40
 680.   56.71   59.10   34.44   23.55   20.60   21.95   23.25  184.65  177.20  171.32  141.95  118.34  108.56   95.69
 685.   55.54   60.74   32.41   23.32   22.95   21.52   21.42  183.77  175.45  170.38  139.42  117.66  107.27   95.79
 690.   57.93   59.48   40.88   22.52   21.42   21.60   20.05  182.82  174.95  170.27  139.65  116.12  106.37   94.36
 695.   57.76   59.09   33.15   22.30   21.65   21.90   21.72  181.90  173.92  168.90  140.05  115.15  105.78   94.36
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  0.    24.80   24.17   24.02   23.80   23.15   23.42   22.70   22.65   22.07   24.27   32.63   0.00    0.00    0.00
  0.    24.85   24.20   23.97   23.72   23.10   23.37   22.57   22.52   21.88   24.25   32.63   0.00    0.00    0.00
  0.    24.80   24.07   23.75   23.70   23.13   23.25   22.72   22.70   22.10   24.25   32.63   0.00    0.00    0.00
  0.    24.88   24.05   23.80   23.67   23.15   23.45   22.77   22.95   22.38   24.35   32.66   0.00    0.00    0.00
  5.    56.07   49.73   30.51   27.82   26.97   26.92   24.67   25.25   23.70   31.58   47.44   0.00    0.00    0.00
 10.    61.38   47.41   31.02   27.05   25.47   25.60   24.35   24.30   22.92   29.73   46.51   0.00    0.00    0.00
 15.    62.90   49.73   32.63   27.57   25.22   25.07   23.70   24.63   23.63   29.72   45.17   0.00    0.00    0.00
 20.    65.36   55.63   34.51   28.88   26.32   25.82   24.25   24.42   23.25   29.15   45.05   0.00    0.00    0.00
 25.    71.90   59.05   45.71   30.73   29.02   27.92   25.25   25.70   24.02   30.46   48.51   0.00    0.00    0.00
 30.    78.55   67.79   58.12   42.15   32.29   30.71   27.22   27.63   25.35   35.58   55.58   0.00    0.00    0.00
 35.   110.37   97.52   79.79   52.61   44.05   39.17   31.02   32.65   28.82   49.34   69.98   0.00    0.00    0.00
 40.   183.25  159.27  134.02   70.95   56.66   53.98   40.07   40.90   35.27   71.98   95.45   0.00    0.00    0.00
 45.   270.44  239.15  168.75   89.52   72.39   76.00   56.98   56.05   43.22  110.05  140.00   0.00    0.00    0.00
 50.   340.66  305.00  230.68  114.61   88.50   91.02   65.88   62.55   47.49  156.82  197.82   0.00    0.00    0.00
 55.   365.95  329.76  260.76  147.02  116.39  110.83   76.12   71.15   50.10  201.70  236.85   0.00    0.00    0.00
 60.   394.29  348.57  283.80  152.88  136.38  121.71   78.69   82.71   54.78  222.17  283.19   0.00    0.00    0.00
 65.   435.95  385.71  302.88  174.97  137.80  129.22   85.57   80.12   56.00  228.40  325.55   0.00    0.00    0.00
 70.   434.65  401.90  316.34  170.85  138.45  127.95   86.86   89.33   60.21  235.80  359.40   0.00    0.00    0.00
 75.   471.63  438.33  353.29  184.38  133.47  136.82   88.98   96.36   57.93  258.00  399.59   0.00    0.00    0.00
 80.   466.74  422.86  316.45  199.55  157.67  141.67  101.32   95.67   58.52  257.90  432.02   0.00    0.00    0.00
 85.   514.52  435.35  330.21  205.76  162.85  147.25  101.68  102.63   70.71  264.66  459.07   0.00    0.00    0.00
 90.   529.53  463.49  330.43  201.73  147.75  123.02   95.79  106.90   66.19  256.93  501.19   0.00    0.00    0.00
 95.   550.70  473.72  318.83  230.07  175.13  124.83  101.32  115.44   70.68  277.73  510.93   0.00    0.00    0.00
100.   541.86  479.53  341.17  245.24  187.90  145.75  119.15  117.39   78.83  285.10  545.71   0.00    0.00    0.00
105.   562.32  494.42  382.86  238.32  194.42  158.97  111.12  111.08   86.31  310.88  560.00   0.00    0.00    0.00
110.   589.05  519.53  420.95  264.71  200.07  177.75  117.02  119.78   94.57  341.98  604.52   0.00    0.00    0.00
115.   601.16  523.95  437.38  316.44  199.10  201.42  135.70  123.37   88.48  341.02  625.71   0.00    0.00    0.00
120.   609.28  543.72  456.67  316.12  230.25  194.67  136.00  138.38  109.07  341.83  631.67   0.00    0.00    0.00
125.   612.38  543.26  435.00  310.44  255.29  203.58  136.72  121.03  102.49  346.93  648.81   0.00    0.00    0.00
130.   584.42  517.62  387.86  295.61  234.32  205.41  142.02  125.07  102.49  328.90  655.24   0.00    0.00    0.00
135.   589.52  516.19  394.76  294.00  232.85  176.22  124.29  143.05   94.83  326.05  659.05   0.00    0.00    0.00
140.   579.77  544.05  400.71  289.27  229.22  189.72  136.38  136.97   97.12  307.12  658.09   0.00    0.00    0.09
145.   609.28  547.86  405.35  294.41  203.02  185.67  144.30  157.92   92.48  205.05  657.86   0.00    0.00    0.00
150.   566.51  519.76  397.86  293.90  222.82  196.52  164.55  152.75   90.38  230.92  657.62   0.00    0.00    0.00
155.   557.91  512.56  406.28  296.88  214.82  186.22  148.42  140.72   94.81  216.67  657.38   0.00    0.00    0.00
160.   552.56  491.63  361.93  278.15  217.85  190.80  141.85  144.32  102.00  221.90  657.86   0.00    0.00    0.00
165.   549.53  500.48  368.84  293.29  219.82  198.13  143.05  139.17  113.29  229.12  659.52   0.00    0.00    0.00
170.   550.00  518.33  390.71  293.63  231.02  191.95  151.52  137.65  114.29  228.60  660.00   0.00    0.00    0.00
175.   550.48  495.58  398.81  283.07  227.90  200.95  155.90  123.46  124.66  236.63  659.28   0.00    0.00    0.00
180.   554.65  501.67  363.72  291.24  231.27  191.17  146.85  155.05  121.68  228.78  655.00   0.00    0.00    0.00
185.   558.37  498.81  368.55  285.27  230.95  184.40  149.85  164.25   92.71  228.10  656.43   0.00    0.00    0.00
190.   529.77  469.30  354.59  293.10  221.13  195.77  135.52  141.63  104.73  228.02  645.00   0.00    0.00    0.00
195.   524.65  465.81  362.67  284.68  232.77  189.07  135.50  141.35  100.83  220.42  642.38   0.00    0.00    0.00
200.   544.88  497.62  358.24  273.29  225.52  191.32  126.98  145.35  100.24  223.97  642.14   0.00    0.00    0.00
205.   545.00  473.37  361.93  285.93  204.00  204.88  146.35  146.20   91.48  222.05  635.24   0.00    0.00    0.00
210.   518.60  468.60  327.21  271.98  203.05  203.10  159.92  142.80   87.86  220.61  626.19   0.00    0.00    0.00
215.   513.33  459.30  353.62  267.51  241.56  220.25  149.52  135.10   87.43  225.75  609.70   0.00    0.00    0.00
220.   511.16  452.62  346.66  264.19  221.10  183.80  137.22  137.67   82.90  221.42  609.20   0.00    0.00    0.00
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TIME       14        15        16        17        18        19        20        21        22        23        24         25         26         27
 225.    491.63    458.33    347.31    248.12    193.82    191.65    147.12    149.97     81.93    219.80    604.28      0.00       0.00       0.00
 230.    492.62    433.95    328.95    251.78    197.42    196.02    127.00    134.40     91.67    217.45    583.26      0.00       0.00       0.00
 235.    495.48    436.43    317.27    234.73    180.67    174.75    122.90    120.95     04.71    217.35    586.67      0.00       0.00       0.00
 240.    474.42    439.30    323.00    239.66    193.87    200.15    135.63    123.73     89.52    221.57    560.93      0.00       0.00       0.00
 245.    458.14    434.52    312.12    241.24    194.07    197.90    145.90    127.51     85.50    221.47    550.46      0.00       0.00       0.00
 250.    452.09    410.48    315.10    239.15    187.02    182.30    141.70    126.15     82.24    215.22    551.67      0.00       0.00       0.00
 255.    454.05    407.44    293.50    231.67  - 180.10    200.05    139.80    111.46     69.88    201.22    524.80      0.00       0.00       0.00
 260.    458.37    408.81    310.54    229.51    215.70    192.82    126.05    101.76     60.05    202.22    511.16      0.00       0.00       0.00
 265.    436.90    390.95    288.63    225.90    180.90    177.27    119.83    109.83     67.67    199.97    491.63      0.00       0.00       0.00
 270.    406.74    363.00    280.22    221.15    169.00    182.80    124.65    109.00     78.22    190.32    474.42      0.00       0.00       0.00
 275.    404.65    360.50    263.34    207.95    171.88    171.00    118.22    114.22     79.74    194.85    461.86      0.00       0.00       0.00
 280.    394.76    355.86    253.93    202.72    158.52    151.22    113.80    103.90     77.29    190.95    458.09      0.00       0.00       0.00
 285.    386.12    349.69    252.10    208.10    165.12    187.20    126.12    104.98     72.71    180.90    435.84      0.00       0.00       0.00
 290.    382.19    326.86    257.07    190.45    165.07    159.63    100.49    104.66     70.44    173.92    435.14      0.00       0.00       0.00
 295.    356.37    322.86    239.73    178.42    145.17    160.82    101.22     96.45     70.46    173.97    424.81      0.00       0.00       0.00
 300.    364.55    316.36    228.49    186.30    147.39    145.30     96.71     96.67     66.83    166.37    404.51      0.00       0.00       0.00
 305.    349.37    311.88    221.17    179.67    154.30    149.25    100.17    101.60     70.19    164.92    402.52      0.00       0.00       0.00
 310.    345.76    302.44    226.17    177.27    169.97    165.77    109.05    101.95     62.93    162.67    392.52      0.00       0.00       0.00
 315.    326.43    282.49    219.85    165.30    140.32    140.47     96.52     87.43     58.67    159.30    382.17      0.00       0.00       0.00
 320.    317.26    282.56    222.00    175.05    161.70    147.85     90.93     81.45     63.06    153.80    364.07      0.00       0.00       0.00
 325.    312.56    271.39    199.20    158.42    126.85    127.34     86.29     78.57     64.19    149.70    364.19      0.00       0.00       0.00
 330.    303.24    264.02    200.80    155.25    139.75    129.00     83.45     75.98     73.73    148.10    355.93      0.00       0.00       0.00
 335.    293.93    253.88    193.65    153.97    120.39    127.66     79.02     78.73     61.79    139.22    348.31      0.00       0.00       0.00
 340.    278.90    242.93    183.65    143.92    104.15    126.44     94.40     84.76     58.85    145.85    341.00      0.00       0.00       0.00
 345.    279.56    239.61    179.57    142.60    109.98    121.95     85.62     75.73     59.24    140.45    342.29      0.00       0.00       0.00
 350.    267.90    229.61    177.25    139.65    113.19    114.73     83.95     75.80     60.29    139.67    327.55      0.00       0.00       0.00
 355.    269.15    229.93    171.45    137.75    105.12    110.07     79.32     78.51     59.07    135.60    320.98      0.00       0.00       0.00
 360.    250.29    223.05    172.45    139.17    109.73    112.17     77.22     75.95     57.44    126.90    315.50      0.00       0.00       0.00
 365.    253.22    226.47    182.57    140.32    113.41    117.29     31.81     75.03     50.90    118.17    317.63      0.00       0.00       0.00
 370.    241.37    205.90    156.50    129.54    106.24    125.44     81.57     73.22     53.05    119.05    312.85      0.00       0.00       0.00
 375.    249.65    207.93    167.57    129.39    110.78    104.78     74.27     76.95     50.90    110.22    307.37      0.00       0.00       0.00
 380.    249.17    203.00    153.72    121.95    100.49    105.00     77.02     65.79     48.19    112.12    302.08      0.00       0.00       0.00
 385.    238.73    200.24    158.97    120.63    107.58    105.32     73.71     72.46     51.29    106.56    291.76      0.00       0.00       0.00
 390.    238.71    197.10    147.07    119.73    103.00    103.85     73.19     69.60     51.44    104.71    293.63      0.00       0.00       0.00
 395.    236.80    197.72    151.40    118.37     95.40     97.00     67.19     63.55     51.68    101.58    290.54      0.00       0.00       0.00
 400.    227.88    188.22    142.42    113.19     88.00     96.00     67.55     62.81     51.76    101.19    286.56      0.00       0.00       0.00
 405.    206.85    183.45    139.85    111.34     84.00    110.05     71.44     66.09     48.24    101.05    282.54      0.00       0.00       0.00
 410.    218.52    187.47    143.32    110.80     81.05     95.33     71.58     71.63     48.41    102.19    278.95      0.00       0.00       0.00
 415.    205.98    176.20    126.19    107.41     83.03     91.79     70.27     63.[illegible]7     49.68    102.63    275.24      0.00       0.00       0.00
 420.    202.40    177.55    134.55    103.80     81.43     87.09     65.02     64.40     50.88     92.71    271.98      0.00       0.00       0.00
 425.    202.34    173.95    125.44     94.74     79.26     83.00     61.52     59.79     47.12     91.45    268.76      0.00       0.00       0.00
 430.    197.88    169.02    119.34     96.95     82.76     84.45     62.90     56.66     41.78     87.48    265.10      0.00       0.00       0.00
 435.    187.82    165.55    134.60     94.43     78.81     81.43     69.95     54.54     43.66     87.67    262.02      0.00       0.00       0.00
 440.    181.37    159.17    118.17     94.48     76.90     78.24     59.48     52.90     49.07     85.67    259.10      0.00       0.00       0.00
 445.    183.72    156.52    114.34     88.93     78.83     78.90     58.17     56.05     49.46     81.21    256.02      0.00       0.00       0.00
 450.    170.92    152.70    112.78     91.83     75.27     76.66     56.37     53.80     43.15     81.36    253.00      0.00       0.00       0.00
 455.    165.12    152.55    109.51     86.17     74.27     79.05     58.51     50.07     46.98     80.76    250.34      0.00       0.00       0.00
 460.    161.17    144.45    103.90     83.38     65.52     69.71     56.80     48.49     43.39     80.69    247.00      0.00       0.00       0.00
 465.    158.02    145.82    104.98     84.64     66.93     69.98     50.80     50.70     42.46     81.76    244.83      0.00       0.00       0.00
 470.    153.27    144.27    113.27     80.57     64.67     72.41     54.49     50.39     46.37     81.55    242.66      0.00       0.00       0.00
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TIME      14      15      16      17      18      19      20      21      22      23      24      25      26      27
 475.  152.70  143.97  108.83   81.81   76.78   71.73   50.56   47.85   49.76   78.15  240.10    0.00    0.00    0.00
 480.  152.65  138.85  101.76   80.12   64.79   65.90   51.27   52.10   44.12   79.12  237.78    0.00    0.00    0.00
 485.  150.40  133.45   95.21   77.41   62.36   70.17   53.66   46.32   40.10   77.90  235.39    0.00    0.00    0.00
 490.  142.52  126.17   91.64   78.73   64.57   65.17   50.07   46.17   45.07   75.56  233.61    0.00    0.00    0.00
 495.  142.25  126.68   90.48   75.78   66.29   70.27   49.41   47.98   44.12   73.24  230.85    0.00    0.00    0.00
 500.  135.75  126.90  102.58   75.95   66.59   63.69   47.19   47.41   44.83   73.44  228.90    0.00    0.00    0.00
 505.  138.25  122.17   89.67   77.73   64.83   63.93   49.29   46.34   44.05   71.02  232.55    0.00    0.00    0.00
 510.  135.07  119.88   90.07   75.61   63.74   60.05   47.85   44.07   40.80   67.83  230.65    0.00    0.00    0.00
 515.  127.44  112.83   87.57   70.19   57.90   60.86   46.19   42.29   42.22   67.45  228.60    0.00    0.00    0.00
 520.  126.85  117.15   82.45   67.31   58.10   58.83   46.17   43.00   41.61   66.98  227.22    0.00    0.00    0.00
 525.  123.78  119.54   85.86   72.93   58.21   59.09   44.76   45.05   47.00   70.71  225.47    0.00    0.00    0.00
 530.  119.85  110.44   86.43   70.66   57.88   59.17   45.49   45.61   48.93   71.56  224.10    0.00    0.00    0.00
 535.  120.32  109.71   83.21   69.90   58.24   58.64   46.32   44.49   41.22   66.43  222.88    0.00    0.00    0.00
 540.  121.63  112.71   82.31   67.67   56.24   58.34   44.54   42.56   40.51   70.00  221.05    0.00    0.00    0.00
 545.  122.78  110.15   84.57   65.71   59.67   61.83   43.27   41.19   38.73   67.64  219.65    0.00    0.00    0.00
 550.  113.24  110.68   88.05   65.02   56.39   56.76   43.00   45.12   40.00   66.05  218.22    0.00    0.00    0.00
 555.  115.71  107.05   77.17   63.62   58.67   56.44   42.73   42.39   40.12   63.40  216.65    0.00    0.00    0.00
 560.  114.80  106.34   80.21   66.69   59.40   58.50   43.22   41.49   39.10   64.59  215.75    0.00    0.00    0.00
 565.  116.71  105.10   79.81   66.90   57.68   58.17   43.63   40.17   34.90   64.07  214.25    0.00    0.00    0.00
 570.  110.68  103.95   78.24   63.95   53.10   51.93   41.19   42.71   38.19   63.19  207.80    0.00    0.00    0.00
 575.  111.51  104.66   77.78   64.76   53.02   53.41   42.12   41.80   41.61   60.98  206.61    0.00    0.00    0.00
 580.  110.63  104.34   77.88   63.93   55.39   55.49   43.34   39.37   42.44   58.83  205.41    0.00    0.00    0.00
 585.  108.10  102.58   78.69   64.00   53.85   55.22   43.07   41.95   38.66   60.24  204.34    0.00    0.00    0.00
 590.  107.39  101.41   77.34   61.48   56.12   58.95   43.39   40.24   35.83   60.79  203.49    0.00    0.00    0.00
 595.  106.73  103.02   78.98   64.31   57.10   58.69   43.46   41.61   36.98   59.05  202.37    0.00    0.00    0.00
 600.  105.63  104.02   79.24   64.95   57.63   58.68   42.49   40.34   38.83   58.27  201.15    0.00    0.00    0.00
 605.  102.10   95.21   78.98   62.52   53.32   55.19   40.68   38.63   38.02   59.00  200.15    0.00    0.00    0.00
 610.  101.61   95.55   78.12   60.69   57.17   55.46   41.27   41.34   39.54   59.02  199.34    0.00    0.00    0.00
 615.  102.19   94.29   75.27   61.95   54.80   52.05   39.66   40.27   34.63   59.10  202.65    0.00    0.00    0.00
 620.  100.68   93.43   71.02   60.07   51.24   51.98   39.90   40.17   38.41   58.21  201.90    0.00    0.00    0.00
 625.   97.57   91.12   65.02   58.05   52.41   53.05   38.49   41.10   35.41   59.05  200.67    0.00    0.00    0.00
 630.   95.86   91.98   71.49   58.02   50.66   51.12   37.15   36.49   34.66   58.00  199.50    0.00    0.00    0.00
 635.  100.78   91.52   71.78   57.98   56.27   47.27   37.71   38.98   35.68   57.68  198.60    0.00    0.00    0.00
 640.   96.48   87.62   64.93   57.34   54.80   48.49   38.24   38.78   37.12   56.80  197.38    0.00    0.00    0.00
 645.   95.12   88.52   67.38   57.27   49.98   52.19   40.83   37.41   35.56   55.63  196.10    0.00    0.00    0.00
 650.   93.38   89.81   70.34   58.68   51.66   53.32   39.78   37.12   35.63   56.24  195.02    0.00    0.00    0.00
 655.   92.24   89.36   72.15   58.88   49.78   50.39   39.15   39.37   33.50   55.88  194.55    0.00    0.00    0.00
 660.   89.98   83.24   73.61   57.00   51.00   55.02   42.32   36.27   32.80   54.68  193.42    0.00    0.00    0.00
 665.   90.98   88.09   70.90   56.93   48.66   52.08   39.93   35.83   34.95   55.68  192.52    0.00    0.00    0.00
 670.   91.29   85.57   65.88   57.63   50.22   52.12   38.83   37.93   38.29   55.44  191.37    0.00    0.00    0.00
 675.   89.69   83.55   69.85   56.24   48.73   53.12   38.46   36.90   35.71   54.63  190.42    0.00    0.00    0.00
 680.   86.88   84.76   73.00   55.95   48.54   48.83   37.85   35.93   35.05   54.19  189.65    0.00    0.00    0.00
 685.   88.24   83.90   65.00   55.95   49.29   48.93   35.61   37.56   35.95   55.15  188.57    0.00    0.00    0.00
 690.   87.83   84.59   70.24   53.63   46.27   49.22   37.85   38.00   33.73   54.24  187.95    0.00    0.00    0.00
 695.   86.90   85.52   65.64   55.98   47.73   49.61   38.93   37.44   33.44   53.02  187.17    0.00    0.00    0.00
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TIME      28        29        30     31          32        33        34        35        36        37        38        39        40        41
  0.     0.00      0.00     19.64  9351.69      0.02     -0.01     -0.01      0.43      0.00      0.00      0.00      0.00     21.00      0.01
  0.     0.00      0.00     29.88  9340.14      0.02     -0.01     -0.00      0.09      0.00      0.00      0.00      0.00     21.08     -0.74
  0.     0.00      0.00     40.35  9366.14      0.02     -0.01     -0.00      0.31      0.00      0.00      0.00      0.00     21.00     -0.54
  0.     0.00      0.00     50.58  9348.80      0.02     -0.01     -0.00     -0.34      0.00      0.00      0.00      0.00     21.10      0.56
  0.     0.00      0.00     59.84  9213.02      0.02     -0.01     -0.00     -0.17      0.00      0.00      0.00      0.00     21.00      0.09
  0.     0.00      0.00     70.10  9241.91      0.01     -0.01     -0.00     -0.18      0.00      0.00      0.00      0.00     21.09      0.63
  5.     0.00      0.00     10.39  9377.69      0.03      0.13      0.15      1.27      0.00      0.00      0.00      0.00     21.00      2.87
 10.     0.00      0.00     19.65  9389.25      0.03      0.11      0.12      1.00      0.00      0.00      0.00      0.00     20.91      2.31
 15.     0.00      0.00     29.88  9357.47      0.03      0.10      0.11     -0.45      0.00      0.00      0.00      0.00     20.61      4.91
 20.     0.00      0.00     40.35  9354.58      0.04      0.10      0.12      0.43      0.00      0.00      0.00      0.00     20.30      2.16
 25.     0.00      0.00     50.59  9317.02      0.08      0.13      0.20     -0.30      0.00      0.00      0.00      0.00     20.25      3.77
 30.     0.00      0.00     59.86  9322.80      0.12      0.19      0.34      0.31      0.00      0.00      0.00      0.00     20.24      4.55
 35.     0.00      0.00     70.10  9227.46      0.27      0.29      0.65      0.31      0.00      0.00      0.00      0.00     20.21      7.58
 40.     0.00      0.00     10.39  9181.24      0.56      0.45      1.23      3.50      0.00      0.00      0.00      0.00     20.03      6.38
 45.     0.00      0.00     19.64  8924.12      0.94      0.69      2.45      2.32      0.00      0.00      0.00      0.00     19.52      6.64
 50.     0.00      0.00     29.89  8721.89      1.23      0.90      3.52     -0.35      0.00      0.00      0.00      0.00     18.43      8.56
 55.     0.00      0.00     40.35  8664.11      1.36      0.99      4.20      0.43      0.00      0.00      0.00      0.00     16.66      6.08
 60.     0.00      0.00     50.59  8508.10      1.48      1.02      5.28      0.23      0.00      0.00      0.00      0.00     14.69     11.53
 65.     0.00      0.00     59.87  8340.54      1.55      0.94      5.55     -1.05      0.00      0.00      0.00      0.00     12.92     14.75
 70.     0.00      0.00     70.10  8132.53      1.74      0.87      5.98     -0.79      0.00      0.00      0.00      0.00     11.71      9.07
 75.     0.00      0.00     10.39  7964.97      1.88      0.84      6.77      4.42      0.00      0.00      0.00      0.00     10.98     13.65
 80.     0.00      0.00     19.65  7739.63      1.90      0.85      6.93      0.76      0.00      0.00      0.00      0.00     10.11     15.11
 85.     0.00      0.00     29.88  7537.40      2.03      0.86      7.46     -0.76      0.00      0.00      0.00      0.00      9.50     14.87
 90.     0.00      0.00     40.35  7453.62      2.14      0.87      7.74     -0.54      0.00      0.00      0.00      0.00      9.43     15.27
 95.     0.00      0.00     50.59  7236.94      2.26      0.87      7.55     -0.95      0.00      0.00      0.00      0.00      9.10     12.05
100.     0.00      0.00     59.86  7046.27      2.34      0.88      8.07     -1.06      0.00      0.00      0.00      0.00      9.01      7.19
105.     0.00      0.00     70.11  6841.15      2.54      0.89      8.06     -0.96      0.00      0.00      0.00      0.00      8.87     13.70
110.     0.00      0.00     10.39  6659.14      2.87      0.95     10.35      4.52      0.00      0.00      0.00      0.00      9.05     10.96
115.     0.00      0.00     19.65  6468.47      2.79      1.02     10.17      4.72      0.00      0.00      0.00      0.00      9.11     11.23
120.     0.00      0.00     29.88  6269.13      2.85      0.99      9.96      1.93      0.00      0.00      0.00      0.00      9.28      5.98
125.     0.00      0.00     40.35  6136.23      2.77      0.98      9.47     -0.74      0.00      0.00      0.00      0.00      9.00      9.30
130.     0.00      0.00     50.59  5948.45      2.71      0.94      8.51     -0.71      0.00      0.00      0.00      0.00      9.07     15.93
135.     0.00      0.00     59.86  5754.89      2.68      0.92      8.68     -0.56      0.00      0.00      0.00      0.00      9.31     10.25
140.     0.00      0.00     70.10  5619.10      2.91      0.90      8.42     -0.88      0.00      0.00      0.00      0.00      9.40      5.21
145.     0.00      0.00     10.39  5445.77      2.83      0.87      8.25      5.21      0.00      0.00      0.00      0.00      9.76     11.30
150.     0.00      0.00     19.64  5269.53      2.78      0.85      8.39      3.68      0.00      0.00      0.00      0.00      9.81     10.90
155.     0.00      0.00     29.89  5159.75      2.74      0.84      8.16      1.22      0.00      0.00      0.00      0.00      9.76      8.96
160.     0.00      0.00     40.34  4992.19      2.83      0.84      8.26     -0.63      0.00      0.00      0.00      0.00     10.19     13.58
165.     0.00      0.00     50.58  4824.63      2.83      0.84      8.88     -0.58      0.00      0.00      0.00      0.00     10.66      8.47
170.     0.00      0.00     59.86  4671.52      2.82      0.85      8.90     -0.64      0.00      0.00      0.00      0.00     10.62      7.59
175.     0.00      0.00     70.10  4567.51      2.72      0.82      8.06     -0.69      0.00      0.00      0.00      0.00     10.76     11.34
180.     0.00      0.00     10.39  4411.50      2.70      0.78      8.14      5.04      0.00      0.00      0.00      0.00     10.85     12.50
185.     0.00      0.00     19.65  4264.16      2.62      0.76      7.97      3.30      0.00      0.00      0.00      0.00     10.85      6.29
190.     0.00      0.00     29.89  4174.60      2.60      0.75      7.47      2.00      0.00      0.00      0.00      0.00     10.59     14.12
195.     0.00      0.00     40.35  4021.49      2.58      0.73      7.31     -0.41      0.00      0.00      0.00      0.00     11.02     12.31
200.     0.00      0.00     50.58  3888.59      2.53      0.70      6.69     -1.04      0.00      0.00      0.00      0.00     11.43     11.15
205.     0.00      0.00     59.86  3770.15      2.43      0.68      6.48      0.34      0.00      0.00      0.00      0.00     11.77     12.09
210.     0.00      0.00     70.11  3634.36      2.51      0.66      6.32     -0.83      0.00      0.00      0.00      0.00     11.85      8.57
215.     0.00      0.00     10.39  3498.58      2.33      0.64      6.10      4.93      0.00      0.00      0.00      0.00     12.07     14.36
220.     0.00      0.00     19.64  3426.35      2.27      0.62      5.69      3.63      0.00      0.00      0.00      0.00     12.20      4.76
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TIME      28       29       30      31        32       33       34       35       36       37       38       39       40       41
 225.     0.00     0.00    29.88  3281.90     2.21     0.61     5.50     2.04     0.00     0.00     0.00     0.00    12.44    11.51
 230.     0.00     0.00    40.34  3169.23     2.14     0.57     5.33    -0.43     0.00     0.00     0.00     0.00    12.87     7.95
 235.     0.00     0.00    50.59  3085.45     2.13     0.56     5.19    -0.70     0.00     0.00     0.00     0.00    12.93     7.79
 240.     0.00     0.00    59.87  2917.89     2.10     0.54     5.09    -0.59     0.00     0.00     0.00     0.00    13.33     6.90
 245.     0.00     0.00    70.10  2874.55     1.96     0.51     4.41    -1.11     0.00     0.00     0.00     0.00    13.40    10.32
 250.     0.00     0.00    10.39  2750.33     1.87     0.48     4.07     4.38     0.00     0.00     0.00     0.00    13.43    14.51
 255.     0.00     0.00    19.65  2626.10     1.69     0.45     3.86     3.65     0.00     0.00     0.00     0.00    13.81     6.46
 260.     0.00     0.00    29.88  2608.77     1.66     0.41     3.57    -0.70     0.00     0.00     0.00     0.00    14.26     7.30
 265.     0.00     0.00    40.35  2481.65     1.48     0.38     3.00     0.11     0.00     0.00     0.00     0.00    14.53    14.18
 270.     0.00     0.00    50.59  2403.65     1.45     0.35     2.84    -0.91     0.00     0.00     0.00     0.00    14.94     9.28
 275.     0.00     0.00    59.86  2325.65     1.37     0.33     2.70    -1.03     0.00     0.00     0.00     0.00    15.35     7.43
 280.     0.00     0.00    70.11  2264.98     1.32     0.31     2.48    -0.93     0.00     0.00     0.00     0.00    15.80    11.27
 285.     0.00     0.00    10.39  2201.42     1.28     0.30     2.40     4.35     0.00     0.00     0.00     0.00    16.08     9.65
 290.     0.00     0.00    19.64  2108.97     1.23     0.29     2.32     3.29     0.00     0.00     0.00     0.00    16.31     9.65
 295.     0.00     0.00    29.88  2097.41     1.11     0.27     2.16    -0.54     0.00     0.00     0.00     0.00    16.47     5.33
 300.     0.00     0.00    40.34  2004.97     1.09     0.26     2.00    -0.62     0.00     0.00     0.00     0.00    16.64     4.75
 305.     0.00     0.00    50.59  1961.63     1.92     0.25     1.79     0.50     0.00     0.00     0.00     0.00    16.79     6.79
 310.     0.00     0.00    59.86  1938.52     0.93     0.24     1.74    -0.44     0.00     0.00     0.00     0.00    17.07     9.30
 315.     0.00     0.00    70.10  1846.07     0.88     0.23     1.65    -0.69     0.00     0.00     0.00     0.00    17.32     7.39
 320.     0.00     0.00    10.39  1828.74     0.86     0.22     1.48     3.47     0.00     0.00     0.00     0.00    17.37     9.95
 325.     0.00     0.00    19.64  1791.18     0.82     0.21     1.48     3.04     0.00     0.00     0.00     0.00    17.57     6.29
 330.     0.00     0.00    29.89  1747.85     0.77     0.21     1.34    -0.51     0.00     0.00     0.00     0.00    17.78     8.17
 335.     0.00     0.00    40.35  1710.29     0.72     0.20     1.26    -0.19     0.00     0.00     0.00     0.00    17.90     6.03
 340.     0.00     0.00    50.59  1701.62     0.70     0.19     1.21     0.21     0.00     0.00     0.00     0.00    18.02     6.17
 345.     0.00     0.00    59.86  1626.51     0.67     0.19     1.10     0.33     0.00     0.00     0.00     0.00    18.12     3.59
 350.     0.00     0.00    70.10  1635.17     0.64     0.18     1.10    -0.80     0.00     0.00     0.00     0.00    18.26     7.66
 355.     0.00     0.00    10.39  1591.84     0.62     0.18     0.99     3.09     0.00     0.00     0.00     0.00    18.37     5.45
 360.     0.00     0.00    19.64  1534.06     0.59     0.17     0.97     2.42     0.00     0.00     0.00     0.00    18.52     6.18
 365.     0.00     0.00    29.88  1534.06     0.59     0.17     0.86     0.76     0.00     0.00     0.00     0.00    18.58     8.17
 370.     0.00     0.00    40.35  1496.50     0.54     0.17     0.81    -0.59     0.00     0.00     0.00     0.00    18.68     8.13
 375.     0.00     0.00    50.59  1476.28     0.52     0.17     0.87     0.46     0.00     0.00     0.00     0.00    18.80     3.03
 380.     0.00     0.00    59.86  1479.17     0.51     0.17     0.84     0.17     0.00     0.00     0.00     0.00    18.88     3.00
 385.     0.00     0.00    70.10  1453.17     0.48     0.17     0.75    -0.69     0.00     0.00     0.00     0.00    18.93     4.18
 390.     0.00     0.00    10.39  1438.72     0.48     0.16     0.71     2.76     0.00     0.00     0.00     0.00    18.99     5.08
 395.     0.00     0.00    19.65  1392.50     0.46     0.16     0.72     1.19     0.00     0.00     0.00     0.00    19.12     4.82
 400.     0.00     0.00    29.88  1378.05     0.45     0.16     0.67     0.34     0.00     0.00     0.00     0.00    19.18     6.15
 405.     0.00     0.00    40.35  1389.61     0.41     0.15     0.71    -0.49     0.00     0.00     0.00     0.00    19.19     2.19
 410.     0.00     0.00    50.58  1372.28     0.41     0.15     0.63    -0.61     0.00     0.00     0.00     0.00    19.23     2.30
 415.     0.00     0.00    59.86  1309.61     0.40     0.16     0.64    -0.88     0.00     0.00     0.00     0.00    19.32     3.55
 420.     0.00     0.00    70.10  1311.61     0.38     0.16     0.64    -0.63     0.00     0.00     0.00     0.00    19.38     6.12
 425.     0.00     0.00    10.39  1369.39     0.38     0.15     0.61     2.17     0.00     0.00     0.00     0.00    19.45     6.82
 430.     0.00     0.00    19.64  1375.16     0.36     0.15     0.59     2.03     0.00     0.00     0.00     0.00    19.53     3.57
 435.     0.00     0.00    29.88  1297.16     0.34     0.15     0.54    -0.48     0.00     0.00     0.00     0.00    19.64     4.80
 440.     0.00     0.00    40.34  1297.16     0.32     0.15     0.51    -0.55     0.00     0.00     0.00     0.00    19.67     2.45
 445.     0.00     0.00    50.59  1274.05     0.33     0.15     0.50    -0.67     0.00     0.00     0.00     0.00    19.77     2.00
 450.     0.00     0.00    59.87  1279.83     0.32     0.15     0.51    -0.90     0.00     0.00     0.00     0.00    19.85     5.38
 455.     0.00     0.00    70.10  1297.16     0.31     0.15     0.47    -0.77     0.00     0.00     0.00     0.00    19.93     3.68
 460.     0.00     0.00    10.39  1302.94     0.29     0.15     0.51     2.09     0.00     0.00     0.00     0.00    20.01     2.22
 465.     0.00     0.00    19.64  1302.94     0.28     0.15     0.52     1.41     0.00     0.00     0.00     0.00    20.05     4.91
 470.     0.00     0.00    29.88  1262.49     0.28     0.15     0.47    -0.42     0.00     0.00     0.00     0.00    20.12     2.26
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PRC6-P-3-1                                                                        PAGE     9

TIME       28        29       30      31        32        33        34        35        36        37        38        39        40        41
 475.     0.00      0.00     40.35  1262.49     0.28      0.15      0.50     -0.54      0.00      0.00      0.00      0.00     20.14      3.06
 480.     0.00      0.00     50.59  1282.72     0.27      0.15      0.52     -0.74      0.00      0.00      0.00      0.00     20.19      3.69
 485.     0.00      0.00     59.86  1317.38     0.27      0.15      0.47     -0.80      0.00      0.00      0.00      0.00     20.24      2.32
 490.     0.00      0.00     70.11  1233.60     0.26      0.14      0.53     -0.46      0.00      0.00      0.00      0.00     20.23      0.58
 495.     0.00      0.00     10.39  1262.49     0.26      0.14      0.51      1.84      0.00      0.00      0.00      0.00     20.31      2.51
 500.     0.00      0.00     19.64  1271.16     0.25      0.14      0.43      1.39      0.00      0.00      0.00      0.00     20.34      1.79
 505.     0.00      0.00     29.89  1265.38     0.23      0.14      0.46     -0.41      0.00      0.00      0.00      0.00     20.39      2.62
 510.     0.00      0.00     40.35  1245.16     0.23      0.14      0.43     -0.39      0.00      0.00      0.00      0.00     20.43      2.04
 515.     0.00      0.00     50.59  1265.38     0.24      0.14      0.45     -0.60      0.00      0.00      0.00      0.00     20.50     -0.06
 520.     0.00      0.00     59.86  1245.16     0.23      0.14      0.50      0.38      0.00      0.00      0.00      0.00     20.56      1.55
 525.     0.00      0.00     70.10  1268.27     0.23      0.14      0.50      0.32      0.00      0.00      0.00      0.00     20.59      2.24
 530.     0.00      0.00     10.39  1233.60     0.22      0.14      0.57      1.66      0.00      0.00      0.00      0.00     20.63     -0.14
 535.     0.00      0.00     19.64  1314.49     0.22      0.14      0.55      1.24      0.00      0.00      0.00      0.00     20.68      0.30
 540.     0.00      0.00     29.88  1276.94     0.21      0.14      0.57     -0.19      0.00      0.00      0.00      0.00     20.73      4.49
 545.     0.00      0.00     40.35  1259.60     0.21      0.14      0.56      0.35      0.00      0.00      0.00      0.00     20.76      1.63
 550.     0.00      0.00     50.58  1253.83     0.20      0.14      0.51     -0.57      0.00      0.00      0.00      0.00     20.80      0.96
 555.     0.00      0.00     59.86  1271.16     0.21      0.14      0.53      0.13      0.00      0.00      0.00      0.00     20.72      0.30
 560.     0.00      0.00     70.10  1288.49     0.20      0.14      0.49     -0.73      0.00      0.00      0.00      0.00     20.82      3.84
 565.     0.00      0.00     10.39  1242.27     0.20      0.14      0.42      1.55      0.00      0.00      0.00      0.00     20.83      2.85
 570.     0.00      0.00     19.64  1216.27     0.20      0.14      0.47      1.30      0.00      0.00      0.00      0.00     20.85     -0.70
 575.     0.00      0.00     29.89  1210.49     0.19      0.14      0.45      0.65      0.00      0.00      0.00      0.00     20.85      3.33
 580.     0.00      0.00     40.35  1239.38     0.19      0.13      0.50      0.12      0.00      0.00      0.00      0.00     20.88      3.41
 585.     0.00      0.00     50.59  1190.27     0.18      0.14      0.47     -0.28      0.00      0.00      0.00      0.00     20.90      2.19
 590.     0.00      0.00     59.86  1274.05     0.19      0.14      0.48     -0.58      0.00      0.00      0.00      0.00     20.90      5.14
 595.     0.00      0.00     70.11  1227.82     0.18      0.13      0.43     -0.70      0.00      0.00      0.00      0.00     20.91      2.67
 600.     0.00      0.00     10.39  1224.93     0.18      0.13      0.50      1.46      0.00      0.00      0.00      0.00     20.90      3.72
 605.     0.00      0.00     19.65  1288.49     0.19      0.13      0.43      0.05      0.00      0.00      0.00      0.00     20.93      2.16
 610.     0.00      0.00     29.88  1334.72     0.18      0.13      0.42      0.33      0.00      0.00      0.00      0.00     20.93     -0.87
 615.     0.00      0.00     40.34  1245.16     0.18      0.13      0.40     -0.73      0.00      0.00      0.00      0.00     20.93      3.40
 620.     0.00      0.00     50.58  1285.60     0.17      0.13      0.42     -0.43      0.00      0.00      0.00      0.00     20.93      4.28
 625.     0.00      0.00     59.86  1328.94     0.17      0.13      0.44      0.39      0.00      0.00      0.00      0.00     20.92      0.16
 630.     0.00      0.00     70.10  1276.94     0.17      0.13      0.42      0.53      0.00      0.00      0.00      0.00     20.94      4.15
 635.     0.00      0.00     10.39  1256.72     0.16      0.13      0.43      1.44      0.00      0.00      0.00      0.00     20.94      1.82
 640.     0.00      0.00     19.64  1285.60     0.17      0.13      0.40      1.11      0.00      0.00      0.00      0.00     20.95      2.51
 645.     0.00      0.00     29.88  1242.27     0.16      0.13      0.42     -0.37      0.00      0.00      0.00      0.00     20.95      3.71
 650.     0.00      0.00     40.35  1276.94     0.16      0.13      0.39     -0.29      0.00      0.00      0.00      0.00     20.96      2.92
 655.     0.00      0.00     50.59  1311.61     0.16      0.12      0.37      0.05      0.00      0.00      0.00      0.00     20.96      2.40
 660.     0.00      0.00     59.87  1239.38     0.16      0.12      0.37      0.50      0.00      0.00      0.00      0.00     20.96      0.24
 665.     0.00      0.00     70.10  1256.72     0.16      0.12      0.37     -0.58      0.00      0.00      0.00      0.00     20.95      3.65
 670.     0.00      0.00     10.39  1259.60     0.16      0.11      0.37      1.45      0.00      0.00      0.00      0.00     20.95      2.15
 675.     0.00      0.00     19.65  1239.38     0.15      0.11      0.34      0.87      0.00      0.00      0.00      0.00     20.96      2.37
 680.     0.00      0.00     29.89  1253.83     0.15      0.11      0.36      0.56      0.00      0.00      0.00      0.00     20.98      1.20
 685.     0.00      0.00     40.35  1305.83     0.15      0.11      0.37     -0.37      0.00      0.00      0.00      0.00     20.98      0.62
 690.     0.00      0.00     50.59  1288.49     0.15      0.11      0.36      0.26      0.00      0.00      0.00      0.00     20.98      1.00
 695.     0.00      0.00     59.85  1204.71     0.14      0.11      0.36     -0.95      0.00      0.00      0.00      0.00     20.98     -0.12
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TIME       42       43       44       45       46       47       48
   0.     0.31    -0.19    -0.05    -0.09    -0.25     0.00     0.00
   0.    -0.34     1.07    -0.28    -0.20     1.25     0.00     0.00
   0.     0.29     0.11    -0.01     0.24    -0.47     0.00     0.00
   0.     0.13    -1.23     0.35     0.38     0.09     0.00     0.00
   0.     0.43    -0.30    -0.89     0.73    -0.83     0.00     0.00
   0.    -0.81     0.53     0.88    -1.06     0.25     0.00     0.00
   5.     2.55     0.64     0.26    -0.50    -0.75     0.00     5.00
  10.     1.87     2.51    -1.21     1.17     0.20     0.04    10.00
  15.    -0.28     4.50    -1.44     0.58     1.73     0.81    15.00
  20.     1.89     0.98    -1.62     1.79    -0.51     0.73    20.00
  25.     3.48     1.09     1.11    -1.85     1.18     0.71    25.00
  30.     7.89     2.83    -0.95    -2.14    -0.69     0.69    30.00
  35.     8.51     3.59    -1.32     2.17    -7.83     0.89    35.00
  40.     6.32     5.45     0.88    -0.75     2.20     1.38    40.00
  45.     7.32     8.76    -0.80     0.69    -1.11     2.70    45.00
  50.    14.31    -1.08     2.26     3.31    -0.59     4.60    50.00
  55.     7.43     7.01     0.38    -1.83     1.33     7.31    55.00
  60.     9.44     4.47    -1.28    -1.93     4.01     8.88    60.00
  65.     9.66     3.83     1.90    -0.93    -0.06    10.53    65.00
  70.     6.90     7.48     0.94    -0.94     0.14    11.11    70.00
  75.     4.23     8.57    -0.58     1.58     0.15    11.52    75.00
  80.    11.50     2.81     3.77    -0.77    -6.65    12.40    80.00
  85.     7.57     4.13    -1.18     0.64     1.70    12.76    85.00
  90.     7.52     3.70     1.98     2.42    -6.91    12.69    90.00
  95.     4.31    11.47     0.26    -2.90    -1.59    13.07    95.00
 100.    12.05     3.46    -0.97     0.64    -4.99    12.80   100.00
 105.     4.65     9.87    -2.44     2.47    -2.73    13.09   105.00
 110.     9.90     8.42    -1.60     0.68     0.89    13.13   110.00
 115.    13.20     6.99    -2.16    -0.59    -1.69    12.91   115.00
 120.     6.87     9.51     0.93    -0.96    -0.35    13.21   120.00
 125.    10.67     6.24    -2.66    -1.59     1.92    13.13   125.00
 130.     7.58     7.23     0.68    -3.04    -3.15    12.87   130.00
 135.     8.12     8.78    -2.91    -1.42    -0.21    13.33   135.00
 140.    15.00     5.02     0.48    -1.91    -0.57    12.73   140.00
 145.    12.51     5.39    -2.71    -1.01     0.78    12.28   145.00
 150.    12.23     5.63     1.02     1.44    -4.30    12.80   150.00
 155.    14.76     6.33    -1.51     0.51    -6.73    12.64   155.00
 160.     6.66     8.17    -2.02     0.33     0.27    11.59   160.00
 165.     9.67     5.43     1.89    -2.10    -1.78    11.71   165.00
 170.    13.88     4.58     0.99    -1.50    -3.94    11.41   170.00
 175.    11.28     6.09    -2.67     2.28    -2.20    11.42   175.00
 180.    10.25     5.95     1.74    -0.74    -1.95    11.61   180.00
 185.     9.64     8.04    -0.50    -1.13    -2.07    11.79   185.00
 190.     4.65     9.03     1.06     1.33    -2.27    11.59   190.00
 195.    12.04     3.71     0.37     0.65    -3.86    11.10   195.00
 200.    13.41     4.83    -0.94    -1.06     1.01    10.52   200.00
 205.     8.95     6.15    -1.50    -1.69    -1.79    10.53   205.00
 210.     7.32     5.22     1.08    -0.61     0.43    10.16   210.00
 215.     7.56     3.93    -2.60     0.63    -2.02    10.29   215.00
 220.    11.89     8.52    -2.32    -0.99    -1.50     9.70   220.00
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TIME       42        43        44        45        46        47       48
 225.    10.62      4.83     -3.65      2.37     -1.43      9.46   225.00
 230.    11.86      4.84     -0.70      1.93     -0.47      8.76   230.00
 235.    11.97      5.72     -2.41      1.26      1.38      8.89   235.00
 240.    10.45      4.41     -0.30      0.58     -3.70      8.56   240.00
 245.     9.80      4.04      1.88     -0.21     -2.05      8.53   245.00
 250.     7.71      6.39     -0.22     -1.54     -2.24      8.18   250.00
 255.     8.49      7.80     -2.84     -1.49      1.20      7.55   255.00
 260.     7.89      7.38     -1.17     -0.89     -0.46      7.14   260.00
 265.     7.71      7.67     -2.52      0.60     -2.88      6.67   265.00
 270.     8.52      6.44     -3.03     -1.78     -0.22      6.23   270.00
 275.     7.56      3.33      0.16     -0.77     -3.79      5.73   275.00
 280.     5.11      8.05     -3.69     -1.53     -2.17      5.38   280.00
 285.     6.40      8.75     -3.02     -0.21      2.69      5.09   285.00
 290.     7.18      6.59     -3.47      2.72     -2.30      4.97   290.00
 295.     8.63      7.41     -4.56     -1.92     -0.93      4.70   295.00
 300.     7.68      5.75     -0.42     -1.61     -2.20      4.67   300.00
 305.     6.91      6.14     -1.43     -0.01     -0.04      4.36   305.00
 310.     5.99      3.63      1.64     -0.55     -1.72      4.04   310.00
 315.     6.85      4.42     -1.73     -0.84      0.12      3.91   315.00
 320.     7.29      3.50     -0.04      1.13     -1.96      4.02   320.00
 325.     9.01      3.57     -0.13     -1.75     -2.66      3.49   325.00
 330.     5.06      4.11      0.58     -0.65     -1.07      3.37   330.00
 335.     7.98      6.21     -0.21     -2.89      1.96      3.29   335.00
 340.     6.66      0.69      3.14     -3.02     -0.69      3.19   340.00
 345.     7.91      5.27     -0.70     -0.67     -1.69      3.06   345.00
 350.     7.69      5.29      0.26     -1.96     -0.24      2.83   350.00
 355.     7.51      6.33     -4.05      2.02     -2.44      2.68   355.00
 360.     5.77      3.77     -1.30     -0.41      0.02      2.53   360.00
 365.     0.84      6.59     -2.02     -1.66      1.11      2.53   365.00
 370.     2.67      6.19     -2.55      0.10     -1.44      2.36   370.00
 375.     7.98      0.58      0.75     -0.99     -1.65      2.26   375.00
 380.     7.96      0.63      1.07     -1.29     -1.09      2.18   380.00
 385.     7.16      2.83     -0.32     -0.57     -1.95      2.15   385.00
 390.     6.50      2.85     -1.43      0.63     -0.14      2.07   390.00
 395.     5.67      2.02      1.65     -2.27      0.08      1.91   395.00
 400.     7.14      1.31      1.93     -1.43     -2.86      1.94   400.00
 405.     6.44      2.14     -1.82      0.64     -3.47      1.91   405.00
 410.     5.81      2.76      0.79     -2.69     -0.31      1.76   410.00
 415.     7.77      3.46     -1.26      0.62     -1.12      1.71   415.00
 420.     2.64      5.14     -1.61      2.01     -0.88      1.61   420.00
 425.     3.00      5.38     -1.95     -0.25     -0.01      1.54   425.00
 430.     5.99      1.88     -0.15     -0.64     -1.14      1.32   430.00
 435.     4.18      2.32      0.58     -1.73      2.31      1.31   435.00
 440.     8.45      0.70      0.29     -0.78     -0.49      1.22   440.00
 445.     5.76      1.35     -0.41     -0.56     -0.78      1.13   445.00
 450.     2.75      3.63     -2.06     -0.58     -2.82      1.03   450.00
 455.     4.84      0.93      1.63     -2.24      2.49      0.89   455.00
 460.     4.57      0.32      0.89      0.13     -0.22      0.94   460.00
 465.     1.12      4.93     -1.99     -1.60     -0.56      0.83   465.00
 470.     4.94      1.80     -1.05     -0.14     -2.20      0.76   470.00
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TIME       42       43       44       45       46       47       48
 475.     5.34    -0.38     0.61    -0.07     0.24     0.72   475.00
 480.     2.92     2.57    -1.50     1.89    -2.79     0.65   480.00
 485.     2.42     4.10    -2.92    -1.46    -0.78     0.65   485.00
 490.     4.00     2.34    -1.74     1.19    -0.78     0.63   490.00
 495.     3.75     1.16     0.44    -0.94    -0.64     0.45   495.00
 500.     2.42     1.39    -1.20    -1.06    -2.11     0.49   500.00
 505.     0.55     4.66    -2.32     1.42    -1.60     0.46   505.00
 510.     3.17     2.69    -2.79     1.80    -1.50     0.32   510.00
 515.     7.56     0.74    -0.84     0.63    -1.41     0.33   515.00
 520.     1.70     3.23    -2.32     0.45    -0.01     0.27   520.00
 525.     4.22     0.59    -1.02     0.43    -1.63     0.23   525.00
 530.     7.61    -2.93     1.55    -1.32    -3.98     0.16   530.00
 535.     5.55    -0.32     0.29     0.45    -1.51     0.14   535.00
 540.     1.76     2.62    -3.42     2.45    -1.44     0.11   540.00
 545.     1.59     3.75    -2.63    -2.11    -1.96     0.10   545.00
 550.     3.30     0.70    -0.55    -0.85    -1.07     0.04   550.00
 555.     3.60     2.27    -1.90     1.94    -1.53     0.07   555.00
 560.     4.64     3.54    -0.49    -0.16     0.18     0.05   560.00
 565.     0.59     2.59     0.02    -1.79     1.95     0.05   565.00
 570.     4.41    -0.53     0.19    -0.98    -1.60     0.04   570.00
 575.     1.28     2.50     0.46    -2.53     3.76     0.04   575.00
 580.     1.29    -0.07     1.74    -2.91     1.63     0.03   580.00
 585.     2.52     1.33    -1.20    -0.19     0.12     0.01   585.00
 590.     0.66     2.98    -1.61     0.13     1.91     0.02   590.00
 595.     2.85     0.23    -0.01     0.45    -2.59     0.01   595.00
 600.     0.62     2.62    -0.41    -0.53    -0.17     0.01   600.00
 605.     5.17    -2.56     2.22    -1.50    -1.79     0.01   605.00
 610.     7.90    -0.14    -0.73    -2.12    -3.05     0.00   610.00
 615.     1.63     2.11    -2.51     2.06    -2.12     0.01   615.00
 620.     1.93     2.60    -2.05     1.36    -0.09     0.01   620.00
 625.     3.07     0.68    -0.50     0.80    -0.69     0.00   625.00
 630.     0.98     2.58    -1.20     0.71    -1.36     0.01   630.00
 635.     4.65     2.08    -2.09     2.07    -2.09     0.01   635.00
 640.     2.38    -0.06     3.01    -1.18     0.06     0.00   640.00
 645.    -0.33     3.19    -1.46     0.99     0.34     0.01   645.00
 650.     1.16     2.39    -0.19    -0.62    -1.12     0.00   650.00
 655.     3.20     0.66     0.74    -0.58    -0.02     0.00   655.00
 660.     3.83    -0.63     0.32    -0.49     0.59     0.00   660.00
 665.     3.72    -0.54     0.30     0.31    -0.02     0.00   665.00
 670.     2.49     0.74    -1.07     0.70    -1.09     0.00   670.00
 675.     3.29    -2.63     2.70    -1.73     0.54     0.00   675.00
 680.     1.05     2.71    -2.32     1.38    -0.27     0.00   680.00
 685.     4.29    -1.44     1.74    -0.48    -1.49     0.00   685.00
 690.     2.59     1.69    -2.20    -1.42    -2.08     0.00   690.00
 695.     3.79    -0.79    -1.30    -1.64    -2.99     0.00   695.00
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PRC8-P-4-1                                                                          PAGE     1

TIME       0        1        2        3        4        5        6        7        8        9       10       11       12       13
  0.     23.65    21.67    21.45    21.85    21.13    21.10    20.55    22.12    24.35    24.30    23.97    23.67    22.92    22.70
  0.     23.95    21.95    21.63    22.10    20.97    21.70    20.17    22.15    24.40    24.30    24.00    23.63    22.92    22.60
  0.     23.50    22.35    21.42    21.92    21.07    21.90    20.17    22.10    24.30    24.30    24.00    23.67    22.95    22.60
  0.     23.65    22.20    21.20    21.85    21.30    21.77    20.40    22.17    24.40    24.30    24.02    23.65    23.00    22.70
  0.     24.27    21.95    21.45    22.27    21.65    22.07    20.42    22.12    24.35    24.32    24.07    23.65    23.02    22.67
  0.     24.25    21.57    21.65    22.57    21.00    21.52    20.35    22.17    24.40    24.30    23.95    23.52    23.07    22.67
  5.     23.57    23.05    22.05    22.70    21.85    21.30    21.13    30.34    32.46    29.49    28.57    28.32    25.47    23.40
 10.     41.41    26.67    23.00    22.38    21.85    21.80    21.07    39.49    42.76    40.85    40.78    36.85    37.05    36.22
 15.     58.02    38.34    22.67    22.02    22.25    21.50    21.35    49.80    58.93    55.32    54.05    50.76    47.05    41.03
 20.     74.22    58.40    22.38    22.30    21.75    22.30    21.35    64.29    83.43    70.19    66.57    66.19    71.44    59.14
 25.    119.61    66.71    23.92    22.88    21.60    22.80    21.20   102.41   124.24   101.95    97.26    96.76   102.22    96.03
 30.    162.62   123.00    26.42    23.37    21.15    21.60    20.90   127.90   174.42   155.30   149.77   146.15   150.25   149.32
 35.    213.88    85.24    28.02    23.75    22.32    20.52    20.15   171.50   227.12   200.30   199.02   198.30   202.71   199.27
 40.    256.44   179.90    29.54    23.97    23.70    21.22    20.52   230.85   291.49   267.78   260.56   264.63   271.76   265.02
 45.    315.02   182.90    30.68    26.50    27.50    23.57    20.87   279.02   389.09   368.83   360.81   359.17   346.62   329.62
 50.    367.55   204.63    32.41    29.50    26.07    21.90    19.50   351.07   463.49   439.05   432.38   409.28   367.91   358.17
 55.    386.19   276.27    59.19    30.12    22.52    25.39    20.77   405.55   526.98   493.33   460.00   439.07   410.00   386.43
 60.    426.19   307.32    50.78    30.76    22.42    26.85    21.72   456.05   612.62   550.23   517.38   460.70   435.35   421.19
 65.    453.81   341.52    58.10    31.24    25.50    26.70    21.25   514.52   634.52   583.49   545.95   496.05   474.42   454.28
 70.    453.57   381.67    63.31    34.07    25.85    27.00    21.60   555.12   667.21   647.86   580.00   540.93   492.79   453.49
 75.    466.05   389.76    71.66    36.54    28.22    26.88    21.63   601.63   742.62   706.90   638.33   588.57   551.67   497.38
 80.    499.76   392.14   103.98    37.88    32.37    29.57    21.82   643.09   797.80   737.38   661.39   635.00   580.23   549.07
 85.    500.71   434.05   206.07    37.83    27.02    30.15    23.90   694.05   821.71   792.44   714.76   668.09   600.46   545.12
 90.    493.02   399.28   125.39    36.88    23.77    31.12    21.67   726.43   835.61   790.29   719.05   652.06   566.74   512.09
 95.    520.46   475.58   116.56    38.12    33.22    31.93    20.80   740.00   832.44   807.80   749.76   700.95   643.81   546.74
100.    545.95   410.70   145.88    43.63    42.27    30.90    21.95   766.90   853.17   816.58   749.76   700.24   637.86   563.49
105.    545.81   517.86   145.92    43.58    28.88    33.56    25.17   806.58   906.00   854.63   800.00   716.90   658.33   586.74
110.    540.70   490.70   196.45    46.15    36.22    33.80    23.57   797.56   861.46   829.02   774.15   706.67   655.00   579.53
115.    558.37   473.95   198.27    50.41    36.85    32.85    25.80   809.02   870.00   870.75   807.07   739.52   661.16   610.24
120.    584.05   520.95   148.45    51.07    36.15    34.80    21.25   813.90   890.00   861.22   824.63   779.02   697.30   639.05
125.    584.76   510.00   261.51    53.44    41.00    29.27    21.08   822.93   892.19   894.75   828.78   777.32   698.09   640.00
130.    587.91   520.24   199.85    52.73    39.37    33.27    21.13   816.83   911.50   868.00   800.49   740.71   659.77   612.86
135.    603.57   517.86   238.58    48.05    28.67    40.58    22.32   809.51   861.46   840.73   800.00   741.19   698.81   650.00
140.    607.86   541.16   171.30    53.56    38.68    37.44    23.13   817.32   862.19   839.27   808.05   779.76   731.67   672.86
145.    608.81   550.93   261.71    56.12    41.07    39.41    26.05   817.07   871.46   853.90   824.15   792.93   726.43   666.19
150.    583.81   547.44   271.95    54.63    46.56    40.90    23.70   812.19   873.25   833.90   801.22   751.67   704.52   653.09
155.    581.16   519.30   229.13    56.15    43.39    33.61    22.70   810.73   852.41   832.93   805.61   776.03   723.57   659.30
160.    591.43   521.86   239.39    58.39    44.54    40.88    24.13   805.61   855.12   835.61   801.22   772.68   708.57   653.33
165.    607.14   545.81   257.39    61.05    49.85    37.85    24.17   800.24   838.78   830.49   809.51   765.48   721.19   666.90
170.    609.05   568.14   241.71    71.22    48.88    42.88    23.22   803.66   831.46   813.17   772.86   741.19   702.14   660.48
175.    603.81   550.00   245.07    74.24    48.24    43.98    23.65   808.29   854.15   830.24   800.49   753.57   720.00   666.98
180.    583.02   555.58   229.58    83.62    53.12    41.12    26.17   793.90   832.68   815.61   800.49   750.95   701.43   649.76
185.    605.24   460.70   246.27    84.50    53.10    45.44    25.22   793.41   833.90   807.07   763.81   730.48   702.62   659.28
190.    584.88   546.51   268.63    80.36    64.67    45.51    23.82   766.67   812.68   802.44   770.54   738.57   705.00   665.48
195.    587.91   557.21   248.41    67.36    59.76    45.61    23.05   794.39   839.76   824.63   792.44   739.05   697.62   649.76
200.    562.56   517.62   224.32    63.38    50.76    47.71    24.05   780.97   820.49   810.49   780.00   737.30   699.76   651.43
205.    590.48   547.62   228.07    62.40    59.05    48.85    24.13   764.76   813.17   799.51   780.24   735.24   705.24   650.95
210.    608.57   541.63   231.27    79.46    53.56    49.54    25.47   779.27   804.39   796.58   779.02   730.33   702.62   647.62
215.    588.84   523.72   251.68   113.98    50.80    43.95    26.20   766.19   820.49   797.07   751.43   727.62   698.33   653.57
220.    592.86   546.67   244.56    78.09    51.83    29.80    25.15   769.05   812.60   796.58   774.15   733.33   705.95   666.67
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TIME	0	1	2	3	4	5	6	7	8	9	10	11	12	13
225.	586.05	587.38	339.46	77.71	56.32	34.34	25.32	770.48	826.34	808.05	768.33	747.86	715.71	662.56
230.	603.81	549.30	281.83	84.69	55.22	37.34	23.77	768.09	823.90	801.46	778.29	741.19	712.62	672.14
235.	592.62	546.98	311.48	82.81	57.17	42.46	25.97	781.71	609.27	795.65	779.27	739.76	709.09	665.48
240.	584.19	590.24	287.73	79.34	56.73	30.46	23.35	792.93	829.27	818.05	772.62	751.43	716.90	665.48
245.	599.48	521.63	256.37	74.78	49.78	37.98	23.57	795.65	033.66	822.19	793.66	736.90	686.19	634.76
250.	582.56	522.09	228.29	76.56	55.05	44.98	28.00	764.20	820.49	810.00	780.97	729.52	693.81	645.71
255.	592.14	512.38	284.76	109.93	44.19	50.41	26.22	776.10	806.10	794.15	773.66	731.90	698.57	661.43
260.	583.26	545.95	310.51	124.05	43.93	57.61	27.80	781.95	814.63	799.51	779.02	743.09	711.90	666.19
265.	567.91	515.12	258.51	90.95	55.58	56.51	30.76	781.22	810.49	773.33	747.62	720.71	686.43	648.09
270.	580.46	519.28	278.19	103.00	34.85	58.59	25.85	750.71	772.38	781.71	745.00	726.67	690.71	646.43
275.	592.86	551.19	258.05	96.07	47.29	55.32	26.65	747.38	793.66	751.90	724.76	695.00	657.62	606.51
280.	569.30	541.63	370.70	87.26	71.07	58.29	29.10	734.76	773.41	740.71	724.05	710.71	685.00	639.28
285.	585.00	463.02	252.07	88.95	58.63	56.73	25.47	727.62	773.17	738.57	716.90	697.86	661.90	605.12
290.	565.74	520.70	270.00	69.88	59.48	55.24	25.10	718.33	738.57	727.14	708.81	692.38	671.43	635.48
295.	561.39	525.81	304.98	78.37	57.44	50.71	26.27	720.48	749.28	732.14	708.81	691.19	664.52	625.24
300.	560.46	529.53	260.49	71.54	64.74	39.27	24.08	705.00	724.05	713.57	696.90	658.84	633.57	585.12
305.	550.23	527.67	257.83	71.71	58.93	45.17	24.20	695.71	715.95	705.71	690.00	671.19	644.28	604.05
310.	549.53	497.67	250.78	71.78	62.33	51.39	24.57	697.86	714.52	700.95	665.81	661.43	633.33	579.77
315.	542.56	455.58	228.73	77.68	69.63	58.69	27.42	687.14	707.86	694.76	661.63	661.43	631.67	591.43
320.	545.24	494.05	245.00	100.37	58.19	54.49	24.70	667.14	664.88	659.30	667.62	657.14	635.24	581.86
325.	523.25	460.95	201.92	121.71	56.44	45.05	22.72	651.67	665.71	658.57	646.90	635.00	600.93	585.48
330.	523.49	456.90	231.73	112.19	57.80	51.34	21.22	644.28	657.38	646.90	630.48	610.95	585.71	547.21
335.	521.16	437.91	197.70	82.36	53.00	55.22	21.38	631.67	642.14	638.81	627.14	610.71	586.67	543.72
340.	498.37	473.25	228.22	80.81	58.24	53.83	22.92	601.86	625.48	606.28	607.38	589.76	553.02	526.28
345.	495.81	434.65	218.72	91.57	52.90	45.12	21.80	588.60	609.52	603.57	590.48	567.91	547.44	520.93
350.	491.39	369.30	196.30	65.71	55.56	44.19	21.88	590.48	501.63	505.24	556.51	543.49	520.23	498.60
355.	478.60	451.39	187.65	61.62	65.59	31.49	22.38	557.44	557.91	554.65	546.98	551.43	520.23	493.95
360.	473.95	435.12	161.38	59.02	58.50	43.61	22.97	547.91	550.23	547.67	540.70	542.62	520.00	494.28
365.	457.91	432.62	218.12	64.38	49.49	36.83	22.67	526.74	516.64	519.77	517.21	510.93	513.81	501.43
370.	458.57	497.86	167.88	60.19	44.68	41.19	21.52	516.51	511.66	511.63	520.48	516.67	493.02	474.19
375.	440.48	408.09	175.70	55.32	50.66	36.71	21.22	517.38	513.81	499.07	494.88	490.70	478.37	458.84
380.	430.95	385.24	171.67	61.12	47.58	26.77	20.67	490.23	479.07	478.14	476.51	472.32	462.56	460.00
385.	427.86	405.71	201.32	64.43	54.41	28.50	21.57	477.21	462.56	464.08	462.79	460.23	453.02	452.62
390.	406.28	370.70	177.10	52.83	52.93	45.29	22.35	465.12	458.09	455.71	453.33	452.62	436.05	439.76
395.	403.09	363.07	159.13	47.49	54.88	53.56	23.63	453.95	434.88	434.42	433.72	440.24	431.43	410.46
400.	397.62	366.28	154.00	47.85	51.22	46.19	26.42	454.64	432.81	431.71	427.52	427.81	422.76	404.67
405.	383.55	366.88	149.90	54.76	47.39	43.17	22.25	434.72	425.17	428.40	425.69	423.52	404.70	398.86
410.	370.72	342.00	149.75	49.54	47.98	37.29	23.30	436.50	405.98	408.30	404.95	409.21	399.81	384.81
415.	365.98	341.40	146.02	43.88	41.00	40.90	21.92	428.55	409.45	407.55	402.98	402.21	392.02	362.93
420.	362.36	314.31	121.07	46.17	47.34	33.98	22.02	421.09	398.26	393.00	390.95	389.40	384.33	363.90
425.	357.67	323.71	125.68	44.44	39.90	38.46	24.42	404.09	394.12	393.28	391.88	389.48	371.46	364.05
430.	347.67	311.10	121.98	45.10	43.00	40.34	22.80	405.40	381.86	369.93	381.31	300.93	363.21	361.69
435.	346.56	303.93	110.12	43.98	39.37	37.10	24.32	399.76	370.88	365.58	368.43	366.81	359.29	345.05
440.	346.44	309.22	102.49	42.85	37.54	35.66	20.57	392.83	365.60	363.44	368.19	367.57	358.78	342.24
445.	339.85	277.78	126.29	41.80	39.17	34.02	20.45	387.24	365.12	360.93	353.83	355.83	347.74	345.37
450.	320.31	252.24	127.05	41.85	43.66	32.17	19.57	381.00	358.43	357.88	355.31	353.05	343.76	329.81
455.	319.21	280.15	128.10	41.12	35.00	33.68	19.88	365.95	350.74	351.05	347.38	343.71	345.19	328.76
460.	313.29	228.22	117.08	41.56	36.39	38.46	20.13	369.52	342.43	346.17	344.29	345.49	339.07	318.57
465.	316.37	231.00	110.02	41.10	49.98	37.46	20.05	364.07	347.00	343.76	340.68	341.27	324.66	309.39
470.	312.93	224.27	90.19	42.85	38.76	33.12	23.13	359.07	342.63	340.76	328.45	323.48	313.57	304.80

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TIME       0        1        2       3       4       5       6        7        8        9       10       11       12       13
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 480.   290.81   202.34   105.32   34.27   39.54   39.17   23.60   350.29   329.55   319.21   312.43   311.12   306.71   291.71
 485.   293.71   216.00   105.85   34.51   37.76   29.85   21.57   345.79   322.83   318.24   312.57   315.98   304.50   293.34
 490.   292.02   200.30   108.63   38.22   35.19   31.83   20.63   342.26   324.64   316.00   315.17   291.09   293.85   283.61
 495.   285.63   175.67   109.22   43.12   34.66   30.22   18.02   345.98   318.00   315.98   307.56   293.76   294.41   283.58
 500.   279.10   199.80   106.02   34.00   39.34   35.24   19.30   341.93   315.15   303.29   304.68   292.74   289.22   273.00
 505.   277.51   187.88   104.05   34.34   45.71   31.41   19.20   330.09   317.17   312.05   306.22   292.71   288.51   275.15
 510.   276.58   188.22    88.21   34.71   32.46   33.19   22.35   326.43   310.73   293.31   293.76   286.76   278.68   264.44
 515.   268.66   168.60    97.33   35.34   34.51   26.13   18.97   322.93   309.37   296.63   289.44   281.39   271.46   257.12
 520.   256.73   198.38    81.24   34.80   39.19   23.35   22.35   319.29   302.05   290.49   281.02   274.32   264.98   247.78
 525.   253.44   169.62    87.19   34.19   34.80   32.78   20.65   315.95   293.59   292.49   284.05   275.15   266.98   244.56
 530.   245.29   150.72    85.24   32.37   34.56   31.34   20.15   312.64   296.39   288.32   281.37   271.17   263.49   239.56
 535.   238.12   153.60    94.40   32.19   34.32   28.60   24.75   316.68   289.95   281.66   275.07   264.15   247.56   230.46
 540.   243.83   180.32    89.67   31.88   41.27   22.42   22.38   313.58   291.34   282.66   264.76   253.50   246.24   229.75
 545.   229.67   143.92    83.95   31.61   37.95   28.57   21.67   310.39   288.19   274.68   258.63   248.44   238.76   225.42
 550.   235.37   128.88    85.24   33.22   43.34   30.46   21.08   307.51   284.22   267.07   254.58   244.46   240.05   228.63
 555.   225.38   158.22    79.10   32.39   31.29   29.41   20.22   304.68   272.71   264.46   253.22   247.49   238.10   224.40
 560.   220.95   141.25    71.44   33.10   37.44   27.52   20.00   301.71   270.95   262.49   251.32   239.27   232.41   220.10
 565.   224.27   143.92    75.12   37.07   39.56   31.93   20.22   291.19   272.95   256.41   245.63   235.93   233.22   214.20
 570.   204.44   136.40    74.51   33.54   39.49   29.55   21.13   295.73   272.02   258.44   239.39   229.22   225.22   205.80
 575.   205.95   142.42    79.37   33.61   39.61   33.80   19.60   293.34   269.60   252.05   238.05   233.51   227.95   204.05
 580.   200.85   142.72    65.38   31.80   41.05   33.93   22.22   290.68   264.54   249.49   234.83   229.07   224.45   207.17
 585.   201.71   136.65    62.24   32.05   37.66   30.49   20.22   288.32   266.12   242.15   228.32   226.95   221.72   202.58
 590.   202.70   128.05    69.63   31.07   38.44   27.67   21.75   285.49   260.37   243.29   229.49   227.72   218.77   199.10
 595.   197.95   138.22    61.17   30.95   33.46   29.41   22.70   283.24   259.83   235.39   224.65   208.19   205.71   200.63
 600.   190.52   134.20    63.83   30.95   29.35   29.93   21.67   280.98   256.07   238.12   227.45   208.12   263.83   194.17
 605.   182.05   110.46    53.90   30.85   30.98   25.60   20.05   278.61   253.93   235.37   220.02   203.27   202.00   190.40
 610.   179.77   126.05    64.19   30.44   29.49   29.15   19.22   276.49   254.00   236.37   220.63   204.00   201.57   184.97
 615.   172.57   116.58    63.50   30.54   31.27   27.22   20.20   274.39   255.17   235.88   214.85   201.13   195.52   183.55
 620.   166.90   105.83    70.22   30.34   29.45   29.05   20.52   272.63   251.12   229.66   204.19   195.92   191.87   181.00
 625.   165.35   111.80    71.80   30.71   31.27   26.00   20.20   270.61   251.00   233.51   204.24   196.25   191.52   180.40
 630.   162.02   100.32    58.51   30.46   29.54   29.41   19.32   268.68   247.71   232.10   203.78   193.82   190.05   175.80
 635.   155.92   108.37    63.31   30.32   29.38   27.10   20.52   266.83   246.27   230.27   198.34   187.40   186.25   174.30
 640.   153.20   115.07    54.85   29.73   27.17   24.25   19.70   264.95   246.56   228.82   202.60   185.75   181.07   169.97
 645.   144.88   106.24    67.59   29.17   28.67   24.80   19.97   262.98   247.63   232.65   202.02   183.32   176.15   163.92
 650.   151.70   107.22    71.61   26.82   29.37   23.37   18.92   261.15   244.22   230.32   196.47   180.10   174.72   162.05
 655.   143.40   102.95    64.86   27.92   29.30   27.08   20.05   259.27   244.68   230.13   196.47   177.27   174.22   160.35
 660.   140.45    95.43    67.57   27.45   30.93   28.40   19.38   257.63   241.27   232.50   195.35   175.32   172.20   159.75
 665.   137.35   106.73    59.81   29.10   27.40   26.47   20.25   256.19   241.05   231.67   193.27   175.22   172.17   158.10
 670.   139.30   101.51    55.32   28.13   28.30   28.10   20.82   255.00   239.95   232.12   187.65   173.72   170.22   156.55
 675.   139.57   101.73    71.17   26.27   28.63   25.82   24.07   253.24   238.85   226.82   191.57   170.40   169.45   156.97
 680.   137.02    88.88    62.24   27.88   27.40   26.47   20.13   251.68   236.56   228.42   186.85   170.57   168.80   154.65
 685.   137.80    95.31    53.44   29.39   34.00   21.50   20.67   250.29   234.15   219.00   184.60   166.95   166.57   154.97
 690.   136.67    92.00    63.69   29.17   34.39   28.50   20.20   248.83   233.22   224.32   186.15   165.62   165.05   152.47
 695.   129.51    90.69    58.95   27.32   26.97   26.97   19.10   247.19   230.24   220.10   184.55   164.80   163.47   151.00
 700.   137.50    85.74    66.19   28.55   28.97   26.20   20.65   245.78   229.54   221.17   179.47   163.45   162.72   150.45
 705.   126.00    89.81    53.22   29.35   28.63   27.95   19.82   244.34   229.15   222.12   183.30   159.97   160.55   151.45
 710.   135.05    80.69    59.05   26.77   30.00   29.41   19.42   242.78   233.00   217.47   178.63   161.60   159.15   150.47
 715.   134.25    85.43    56.27   29.80   29.40   26.67   19.63   241.37   232.27   217.45   182.07   161.70   157.52   148.50
 720.   123.73    91.40    55.32   29.39   27.00   29.52   21.35   239.73   230.60   207.51   174.30   158.22   158.07   145.55
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PRC8-P-4-1                                                          PAGE     4

TIME      0        1        2        3        4        5        6       7        8        9        10       11       12       13
 725.   128.00   88.88    58.78    31.78    27.90    29.41    19.05   238.29   228.47   204.68   174.97   158.72   158.30   148.15
 730.   121.27   85.69    53.27    29.30    30.39    30.10    19.67   237.02   228.02   205.88   177.67   156.20   157.95   144.52
 735.   122.02   81.81    43.56    27.90    29.47    27.52    20.60   235.83   227.45   199.63   174.15   153.97   151.95   142.40
 740.   121.02   78.52    53.93    27.97    30.17    25.07    18.82   234.68   226.07   206.90   170.05   151.35   149.12   140.92
 745.   119.61   87.29    48.80    29.25    28.22    21.20    19.95   233.39   224.10   202.12   168.70   154.00   150.02   141.90
 750.   119.24   85.09    47.24    28.15    29.73    27.67    18.72   232.32   223.02   199.88   169.77   152.15   147.40   140.02
 755.   115.71   85.43    51.88    27.32    29.51    28.57    19.75   231.15   221.65   202.58   167.82   151.85   145.60   135.47
 760.   112.39   85.67    48.39    27.02    26.67    22.35    20.35   229.93   221.40   200.24   169.88   152.02   141.32   127.66
 765.   120.90   86.95    41.61    27.55    26.72    21.57    20.22   228.78   219.80   202.05   168.07   149.90   145.27   129.41
 770.   109.73   82.79    52.41    30.05    28.88    25.42    19.75   233.35   219.42   202.54   161.97   147.65   143.47   133.92
 775.   112.12   86.00    50.93    39.22    22.90    23.07    20.52   231.90   220.38   202.12   160.62   149.15   143.65   133.30
 780.   108.24   81.69    53.46    38.41    26.65    24.55    21.02   231.02   218.82   200.49   163.35   146.27   141.00   129.68
 785.   113.19   79.07    58.29    40.98    22.55    22.97    21.40   229.85   216.60   199.02   161.45   143.32   141.60   128.02
 790.   110.88   77.07    55.93    38.00    25.57    24.72    21.32   228.63   216.17   201.97   162.27   143.67   141.30   127.12
 795.   108.90   79.26    57.34    30.95    26.70    25.77    23.72   227.70   213.72   201.40   163.90   140.95   137.70   126.00
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TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
0.	22.32	21.90	21.72	21.47	21.35	21.25	21.15	21.27	21.05	22.02	20.47	0.00	0.00	0.00
0.	22.30	21.97	21.77	21.57	21.38	21.30	21.13	21.22	21.07	22.02	20.45	0.00	0.00	0.00
0.	22.22	21.97	21.82	21.52	21.38	21.38	21.15	21.17	21.05	22.05	20.50	0.00	0.00	0.00
0.	22.27	22.02	21.88	21.55	21.27	21.40	21.17	21.20	21.13	22.05	20.52	0.00	0.00	0.00
0.	22.32	22.12	21.92	21.65	21.38	21.45	21.13	21.30	21.10	22.00	20.57	0.00	0.00	0.00
0.	22.30	22.17	21.90	21.63	21.38	21.42	21.17	21.32	21.10	22.02	20.45	0.00	0.00	0.00
5.	23.10	22.97	22.65	22.27	21.92	21.72	21.40	21.45	21.22	22.35	26.22	0.00	0.00	0.00
10.	31.78	28.17	24.10	23.10	22.80	22.57	21.75	21.62	21.42	22.90	32.10	0.00	0.00	0.00
15.	39.51	34.95	28.77	24.10	23.77	23.60	22.05	22.32	21.90	24.10	38.83	0.00	0.00	0.00
20.	49.00	44.10	29.61	25.60	25.05	25.10	22.95	23.87	23.13	27.27	49.15	0.00	0.00	0.00
25.	72.76	49.98	34.54	29.95	29.60	29.29	24.50	26.52	24.90	33.71	62.55	0.00	0.00	0.00
30.	108.76	74.90	42.93	35.02	32.66	35.05	27.72	30.34	27.77	44.29	89.26	0.00	0.00	0.00
35.	187.97	103.05	50.24	41.22	36.22	49.63	29.41	32.70	29.76	56.93	124.37	0.00	0.00	0.00
40.	247.37	162.45	61.57	51.07	39.80	47.34	32.83	30.61	33.58	73.61	189.27	0.00	0.00	0.00
45.	313.32	264.78	87.21	72.07	52.56	67.81	43.71	46.66	40.68	106.61	233.90	0.00	0.00	0.00
50.	322.50	254.17	128.46	86.81	69.76	87.33	51.90	55.24	50.54	155.30	297.73	0.00	0.00	0.00
55.	359.57	291.45	177.05	119.15	78.83	93.07	56.32	69.76	55.24	186.65	345.39	0.00	0.00	0.00
60.	386.90	341.68	216.47	118.90	84.45	105.49	61.79	67.48	54.34	214.75	386.59	0.00	0.00	0.00
65.	404.65	343.41	249.83	144.00	96.93	111.27	74.46	72.34	58.81	227.30	439.62	0.00	0.00	0.00
70.	409.53	363.48	248.56	155.30	106.88	125.80	81.12	82.74	64.69	237.73	460.00	0.00	0.00	0.00
75.	436.51	371.16	285.78	177.47	124.93	150.25	82.81	90.12	74.85	257.15	512.32	0.00	0.00	0.00
80.	497.44	406.98	289.44	200.75	135.07	163.85	90.71	93.12	75.68	279.46	555.12	0.00	0.00	0.00
85.	500.24	404.88	292.24	186.15	141.00	172.67	106.46	103.56	85.74	292.41	600.93	0.00	0.00	0.00
90.	473.02	408.57	285.17	183.92	137.63	182.12	114.71	113.02	78.17	291.39	638.57	0.00	0.00	0.00
95.	496.99	440.48	283.68	197.52	140.45	161.47	103.98	103.27	95.88	303.10	666.28	0.00	0.00	0.00
100.	515.12	460.95	341.73	206.66	148.63	182.32	115.32	123.46	86.38	305.71	699.28	0.00	0.00	0.00
105.	550.24	462.32	352.36	214.20	162.85	195.47	105.95	111.02	96.19	315.64	719.05	0.00	0.00	0.00
110.	523.02	467.67	400.71	237.15	161.25	193.85	117.93	137.07	90.62	320.74	727.14	0.00	0.00	0.00
115.	545.35	495.90	429.05	249.24	172.95	202.27	142.57	125.73	102.05	330.36	773.17	0.00	0.00	0.00
120.	569.53	511.63	436.19	271.93	162.90	186.85	143.55	139.27	126.05	344.33	767.38	0.00	0.00	0.00
125.	590.71	515.24	452.79	301.54	176.20	206.22	141.60	143.00	105.83	344.41	770.48	0.00	0.00	0.00
130.	551.63	493.49	458.57	323.24	196.67	220.97	144.92	126.10	111.66	343.71	794.88	0.00	0.00	0.00
135.	579.53	526.98	459.30	317.67	197.30	238.39	162.65	138.63	119.44	346.79	764.52	0.00	0.00	0.00
140.	612.38	543.09	440.23	315.88	232.15	224.30	169.27	144.65	114.98	354.38	794.63	0.00	0.00	0.00
145.	610.24	522.79	434.88	316.73	227.20	221.88	143.15	150.90	115.41	347.17	796.34	0.00	0.00	0.00
150.	589.76	511.16	451.67	340.43	236.15	238.05	171.08	153.60	128.22	368.74	794.88	0.00	0.00	0.00
155.	610.49	513.95	438.33	329.43	209.44	232.73	164.52	171.25	121.61	362.39	795.12	0.00	0.00	0.00
160.	583.02	515.58	439.76	316.45	218.00	246.29	177.50	149.20	130.95	347.78	772.62	0.00	0.00	0.00
165.	608.09	542.32	459.28	341.59	242.19	251.68	173.57	173.13	143.00	249.24	793.90	0.00	0.00	0.00
170.	603.81	528.14	467.67	340.63	243.58	247.29	182.27	163.17	137.97	247.93	769.76	0.00	0.00	0.00
175.	636.19	529.53	452.09	352.45	253.49	260.12	183.82	180.95	158.65	246.65	768.09	0.00	0.00	0.00
180.	599.30	545.00	464.19	353.05	264.60	249.78	178.13	187.27	161.05	246.05	780.73	0.00	0.00	0.00
185.	612.62	543.09	424.76	347.22	249.24	241.24	195.12	201.15	145.97	246.46	779.02	0.00	0.00	0.00
190.	606.43	516.28	430.70	346.81	257.88	253.12	184.27	180.02	134.62	249.32	764.76	0.00	0.00	0.00
195.	608.81	546.67	452.86	344.40	268.00	284.90	184.60	167.47	130.38	247.00	771.67	0.00	0.00	0.00
200.	607.62	528.84	439.76	329.90	254.98	278.51	199.41	202.39	152.60	252.95	772.44	0.00	0.00	0.00
205.	608.33	523.72	437.86	325.26	252.39	256.37	191.60	189.47	143.88	253.00	778.29	0.00	0.00	0.00
210.	606.43	543.57	426.90	346.27	250.46	246.12	186.05	170.25	151.32	244.32	775.61	0.00	0.00	0.00
215.	610.00	552.14	440.23	344.44	268.63	272.12	195.95	176.57	155.40	248.00	775.85	0.00	0.00	0.00
220.	626.19	518.57	423.57	347.61	262.41	264.54	184.67	167.75	140.38	250.24	777.07	0.00	0.00	0.00

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TIME       14        15        16        17        18        19        20        21        22        23        24          25        26        27
 225.    628.09    544.65    452.38    347.56    275.49    289.12    194.42    180.52    146.38    247.68    766.67      0.00      0.00      0.00
 230.    603.26    543.72    456.28    355,36    276.68    270.71    194.02    193.92    164.70    260.58    768.09      0.00      0.00      0.00
 235.    606.74    558.37    464.88    354.07    285.80    265.51    200.44    185.22    163.95    263.51    763.57      0.00      0.00      0.00
 240.    603.02    554.88    462.56    364.42    303.34    278.44    204.71    199.05    166.05    261.24    792.68      0.00      0.00      0.00
 245.    581.16    529.53    433.02    360.24    281.83    258.98    205.51    182.22    167.70    265.76    801.95      0.00      0.00      0.00
 250.    587.21    543.33    435.12    362.09    289.27    259.12    202.90    188.07    156.62    268.17    771.90      0.00      0.00      0.00
 255.    606.51    548.33    452.62    359.29    294.26    260.27    226.60    191.02    160.27    272.39    778.29      0.00      0.00      0.00
 260.    613.09    545.24    451.43    369.29    292.67    268.39    222.88    200.25    158.05    266.41    781.46      0.00      0.00      0.00
 265.    605.00    512.14    421.90    352.76    270.58    243.98    206.76    200.25    153.07    273.56    776.34      0.00      0.00      0.00
 270.    611.90    526.51    438.57    355.31    279.34    271.76    196.82    206.41    135.10    274.63    772.93      0.00      0.00      0.00
 275.    579.77    521.86    409.53    361.91    288.05    261.65    202.42    195.82    156.13    269.12    748.81      0.00      0.00      0.00
 280.    590.24    519.30    440.23    354.24    292.02    288.90    200.41    201.56    151.00    273.39    739.76      0.00      0.00      0.00
 285.    589.52    529.30    439.76    348.86    271.02    275.85    231.25    200.75    148.82    281.12    739.05      0.00      0.00      0.00
 290.    590.00    514.42    423.57    349.79    277.00    267.54    199.58    199.65    146.92    274.83    734.52      0.00      0.00      0.00
 295.    591.19    510.46    436.05    352.88    285.24    285.90    220.17    185.40    162.52    271.49    735.24      0.00      0.00      0.00
 300.    557.91    510.00    428.33    352.24    275.78    241.98    214.42    198.68    159.80    268.65    723.33      0.00      0.00      0.00
 305.    545.58    494.65    423.33    341.17    271.05    278.80    202.73    176.65    150.35    266.98    711.67      0.00      0.00      0.00
 310.    540.93    478.37    401.67    327.09    266.56    271.19    197.80    161.72    150.57    279.02    711.67      0.00      0.00      0.00
 315.    548.37    497.14    406.19    341.02    256.58    248.19    194.05    176.65    153.20    256.98    705.71      0.00      0.00      0.00
 320.    549.52    464.65    391.67    320.48    262.49    259.44    186.25    181.22    155.10    247.29    686.19      0.00      0.00      0.00
 325.    524.88    495.24    404.76    313.83    253.95    235.46    197.72    194.30    165.07    259.17    672.38      0.00      0.00      0.00
 330.    513.02    462.09    393.33    316.63    258.56    232.41    200.57    177.50    166.45    246.27    660.71      0.00      0.00      0.00
 335.    516.43    455.00    363.14    311.88    238.02    229.05    191.02    168.52    149.63    244.68    651.43      0.00      0.00      0.00
 340.    500.24    410.23    357.88    304.85    234.02    222.60    186.10    155.97    163.60    233.00    638.33      0.00      0.00      0.00
 345.    497.38    430.95    347.69    283.34    245.46    230.45    175.57    167.45    139.32    236.76    609.07      0.00      0.00      0.00
 350.    472.32    438.57    347.14    296.10    236.39    215.20    177.07    168.25    149.45    233.76    608.09      0.00      0.00      0.00
 355.    455.35    408.33    330.02    278.29    220.32    194.27    178.85    180.00    123.76    240.63    591.90      0.00      0.00      0.00
 360.    456.74    406.67    321.90    281.24    225.55    201.41    156.82    147.70    119.98    231.52    564.88      0.00      0.00      0.00
 365.    464.19    401.90    316.45    264.78    217.70    196.67    156.45    143.17    127.71    225.57    543.49      0.00      0.00      0.00
 370.    457.14    385.24    313.10    252.22    230.97    225.07    175.27    141.10    126.78    219.80    544.52      0.00      0.00      0.00
 375.    432.62    361.43    293.50    244.46    200.10    196.70    156.88    146.82    119.02    218.00    520.46      0.00      0.00      0.00
 380.    427.38    362.86    291.45    244.37    214.57    198.20    151.47    134.20    119.07    208.10    515.00      0.00      0.00      0.00
 385.    435.00    351.76    302.29    251.56    202.05    181.27    143.35    138.10    107.90    204.58    490.46      0.00      0.00      0.00
 390.    425.00    348.07    284.85    230.15    184.85    174.85    127.83    124.88    112.51    202.85    477.44      0.00      0.00      0.00
 395.    398.09    327.98    276.12    232.83    198.34    178.67    152.52    129.63    115.49    196.70    465.12      0.00      0.00      0.00
 400.    382.09    313.29    258.51    217.17    171.63    159.00    115.15    118.85    112.19    191.25    454.42      0.00      0.00      0.00
 405.    364.36    312.95    266.22    217.57    153.82    160.02    125.10    113.15    104.19    104.92    456.14      0.00      0.00      0.00
 410.    357.98    293.39    240.24    198.98    163.62    161.82    123.34    111.32    104.56    177.38    434.51      0.00      0.00      0.00
 415.    328.95    292.83    255.73    202.32    164.02    150.22    125.37    116.07    102.12    102.00    438.45      0.00      0.00      0.00
 420.    326.74    287.73    238.00    194.85    166.02    150.93    109.07    104.90     95.45    170.45    428.28      0.00      0.00      0.00
 425.    329.52    276.95    246.24    194.60    165.70    161.63    107.02     94.62     89.26    174.15    422.64      0.00      0.00      0.00
 430.    327.93    284.46    234.49    195.67    154.47    159.92    110.54     92.06     86.29    169.52    403.86      0.00      0.00      0.00
 435.    314.12    278.12    237.22    183.22    150.82    149.47    101.90     96.01     84.74    169.57    406.48      0.00      0.00      0.00
 440.    316.62    275.07    227.70    182.65    148.63    135.15    100.15     97.02     93.59    164.92    399.45      0.00      0.00      0.00
 445.    316.98    270.24    223.10    175.55    145.07    137.92    102.10     93.26     87.26    159.45    392.52      0.00      0.00      0.00
 450.    304.32    268.54    220.97    178.75    140.05    125.90    106.54    100.76     81.09    162.50    387.98      0.00      0.00      0.00
 455.    295.17    253.85    217.67    177.00    145.50    137.55    104.61     96.29     81.33    162.20    371.37      0.00      0.00      0.00
 460.    306.49    240.95    202.63    172.02    134.75    134.47    106.80     95.14     79.67    161.60    364.63      0.00      0.00      0.00
 465.    286.32    253.76    201.85    165.45    128.10    126.85    102.78     95.02     79.52    153.85    369.00      0.00      0.00      0.00
 470.    281.76    238.10    217.97    171.42    145.20    134.52     91.86     85.00     76.46    145.60    364.50      0.00      0.00      0.00
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TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
 475.   274.85   244.17   202.37   161.22   121.15   133.59    84.00    86.17    85.62   144.67   360.17     0.00     0.00     0.00
 480.   275.95   246.46   194.50   160.32   123.51   123.32    90.55    83.71    78.68   149.67   352.59     0.00     0.00     0.00
 485.   268.95   226.50   191.82   161.20   130.07   125.93    92.52    89.74    80.00   149.30   348.79     0.00     0.00     0.00
 490.   267.98   232.75   189.10   154.32   119.68   109.02    87.59    94.90    78.29   140.52   345.48     0.00     0.00     0.00
 495.   255.41   220.20   196.45   155.90   115.44   114.07    95.26    93.29    88.36   129.07   340.98     0.00     0.00     0.00
 500.   253.71   217.50   186.38   152.05   117.61   114.93    93.03    88.29    81.26   130.80   345.37     0.00     0.00     0.00
 505.   245.02   205.88   179.65   151.07   111.90   107.24    86.55    81.26    75.58   130.25   340.51     0.00     0.00     0.00
 510.   245.88   224.25   187.32   142.27   121.02   116.02    84.36    80.50    72.49   128.37   328.52     0.00     0.00     0.00
 515.   238.07   201.45   172.75   133.32   107.32   115.44    88.93    80.69    75.95   126.44   324.02     0.00     0.00     0.00
 520.   229.27   201.95   176.77   128.46   103.95   101.73    83.57    86.05    72.63   126.22   319.59     0.00     0.00     0.00
 525.   229.75   198.05   171.02   142.67   110.49   109.85    77.76    81.09    75.68   123.78   315.98     0.00     0.00     0.00
 530.   221.60   191.55   168.63   138.10   107.61   105.73    79.19    76.56    75.68   122.46   313.52     0.00     0.00     0.00
 535.   219.75   187.63   165.70   122.95    95.52    86.98    76.49    75.07    71.10   119.34   316.44     0.00     0.00     0.00
 540.   215.55   191.95   160.17   133.42   105.54    95.29    78.02    74.56    74.63   119.90   313.12     0.00     0.00     0.00
 545.   201.29   187.60   164.82   122.12   103.39   100.61    70.76    65.57    64.59   117.40   307.46     0.00     0.00     0.00
 550.   205.46   177.52   153.38   123.44    95.31    90.36    71.41    73.17    71.41   113.61   306.05     0.00     0.00     0.00
 555.   203.45   174.07   154.42   120.80    90.62    96.24    75.27    72.15    66.26   111.80   303.49     0.00     0.00     0.00
 560.   200.05   176.22   149.55   120.73    95.79   100.98    74.27    71.58    71.10   108.80   293.07     0.00     0.00     0.00
 565.   194.47   168.13   151.25   122.90    95.19    83.64    73.12    66.59    65.98   112.10   296.98     0.00     0.00     0.00
 570.   195.47   168.45   148.82   117.02    84.45    84.38    74.00    69.83    63.95   108.83   293.27     0.00     0.00     0.00
 575.   188.92   163.62   141.42   110.19    84.69    92.69    67.17    61.71    60.33   107.44   290.66     0.00     0.00     0.00
 580.   196.65   168.35   150.50   113.34    88.90    84.93    65.48    67.19    64.14   106.68   285.76     0.00     0.00     0.00
 585.   188.52   155.90   137.50   109.83    80.52    81.21    63.83    65.02    63.45   100.56   285.12     0.00     0.00     0.00
 590.   183.20   159.20   139.88   107.10    80.31    87.86    60.59    58.57    52.46   108.19   281.93     0.00     0.00     0.00
 595.   184.92   153.60   126.07   103.44    78.85    78.39    58.95    60.31    51.98   104.51   279.71     0.00     0.00     0.00
 600.   175.52   147.52   128.46   106.73    80.67    79.98    58.68    64.57    58.78   100.66   276.39     0.00     0.00     0.00
 605.   170.80   142.35   120.90   105.71    79.10    77.12    58.37    63.74    54.63    94.38   274.00     0.00     0.00     0.00
 610.   170.77   150.45   123.56   103.12    79.10    79.48    58.56    64.76    61.19   100.83   271.02     0.00     0.00     0.00
 615.   166.67   148.37   129.46   103.83    84.40    81.74    58.33    66.50    60.19   100.34   268.02     0.00     0.00     0.00
 620.   171.95   150.80   126.07   105.41    80.43    79.57    63.67    60.07    60.29    96.69   264.93     0.00     0.00     0.00
 625.   171.50   152.67   134.88   102.32    80.33    81.38    61.71    66.98    60.71    96.02   264.10     0.00     0.00     0.00
 630.   166.02   150.50   122.07   101.00    75.27    81.07    59.02    63.14    61.31    95.12   261.34     0.00     0.00     0.00
 635.   165.42   144.65   123.10   102.34    73.73    79.02    58.31    61.55    58.86    90.07   258.66     0.00     0.00     0.00
 640.   161.80   136.30   114.37    91.29    72.08    78.34    58.64    60.17    58.58    88.50   255.83     0.00     0.00     0.00
 645.   154.90   128.32   114.66    92.52    77.34    72.15    60.64    59.29    59.64    87.69   255.44     0.00     0.00     0.00
 650.   155.32   133.40   119.07    95.43    76.05    78.29    59.59    59.05    60.81    87.21   254.19     0.00     0.00     0.00
 655.   154.13   128.19   112.95    93.74    72.32    78.00    57.86    59.81    58.48    84.02   252.37     0.00     0.00     0.00
 660.   150.67   127.73   115.98    94.74    75.80    79.22    58.38    58.19    56.29    83.45   249.24     0.00     0.00     0.00
 665.   150.75   128.22   112.95    97.05    79.79    67.52    57.05    58.29    52.93    85.81   249.41     0.00     0.00     0.00
 670.   152.70   127.80   117.71    95.50    67.33    74.88    53.07    60.00    52.80    86.88   247.51     0.00     0.00     0.00
 675.   148.40   126.19   110.90    93.26    76.34    78.29    53.63    57.78    47.54    84.74   246.93     0.00     0.00     0.00
 680.   149.30   124.98   113.46    95.57    76.15    66.95    53.49    57.54    49.17    80.29   243.71     0.00     0.00     0.00
 685.   145.92   118.56   108.00    92.57    73.90    69.56    57.07    58.95    44.37    81.93   242.22     0.00     0.00     0.00
 690.   147.97   122.76   108.34    91.31    78.46    73.71    54.85    51.73    48.98    81.59   241.29     0.00     0.00     0.00
 695.   146.07   117.02   105.66    91.48    74.34    67.33    51.83    51.24    53.80    80.36   240.39     0.00     0.00     0.00
 700.   146.15   123.27   106.98    90.21    70.54    62.07    52.56    50.17    52.54    81.86   237.58     0.00     0.00     0.00
 705.   147.97   119.71   107.83    86.36    74.85    65.36    51.90    56.73    53.90    82.55   239.34     0.00     0.00     0.00
 710.   145.47   115.93   100.10    86.43    72.22    62.67    50.83    57.10    53.24    82.19   236.61     0.00     0.00     0.00
 715.   141.50   116.46    96.24    85.74    69.80    62.26    50.02    57.24    46.93    81.90   235.80     0.00     0.00     0.00
 720.   141.52   119.10   105.05    85.74    73.95    64.52    51.56    56.49    43.05    70.63   233.37     0.00     0.00     0.00
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PRC8-P-4-1                                                                                PAGE     8

TIME      14       15       16       17       18       19       20       21       22       23       24        25       26       27
 725.   138.77   116.58   100.39    86.64    72.22    64.71    52.27    54.19    44.93    76.93   232.02     0.00     0.00     0.00
 730.   138.45   117.56    93.81    80.64    63.31    60.83    49.02    54.93    43.10    77.68   231.49     0.00     0.00     0.00
 735.   136.22   112.02    95.98    85.74    58.45    64.79    49.66    51.05    46.90    76.83   220.68     0.00     0.00     0.00
 740.   129.34   112.49    93.86    79.29    59.74    63.98    48.05    51.10    45.66    76.39   233.50     0.00     0.00     0.00
 745.   133.27   115.58    96.50    83.98    63.17    61.98    49.07    50.37    42.00    74.83   232.50     0.00     0.00     0.00
 750.   129.56   110.07    95.81    82.69    60.36    57.39    47.95    53.49    46.66    74.90   229.82     0.00     0.00     0.00
 755.   124.27   107.46    95.95    77.69    61.17    61.99    48.58    51.41    46.22    67.55   229.90     0.00     0.00     0.00
 760.   124.68   106.88    94.64    78.49    58.12    59.64    48.80    52.19    45.71    73.15   229.57     0.00     0.00     0.00
 765.   124.24   107.19    91.93    79.48    58.61    59.02    47.83    55.02    45.10    73.32   228.27     0.00     0.00     0.00
 770.   129.24   106.39    91.69    79.33    60.31    60.67    47.19    52.95    42.44    71.68   226.02     0.00     0.00     0.00
 775.   126.51   105.02    91.81    78.76    64.48    59.29    51.50    53.46    49.58    72.93   226.95     0.00     0.00     0.00
 780.   123.02   108.51   100.27    78.24    64.17    61.67    49.05    52.93    44.27    71.63   226.75     0.00     0.00     0.00
 785.   123.44   106.02    91.55    78.43    60.09    59.33    43.85    50.56    49.73    70.49   224.97     0.00     0.00     0.00
 790.   123.76   106.19    90.52    79.05    60.24    58.98    47.76    52.56    49.17    67.69   223.15     0.00     0.00     0.00
 795.   122.17   105.95    90.69    78.29    63.71    59.19    47.19    55.85    43.89    70.63   223.52     0.00     0.00     0.00
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TIME        28        29        30       31         32        33        34        35        36        37        38        39        40        41
   0.      0.00      0.00     19.49 12460.21      0.00     -0.01     -0.01      0.50      0.00      0.00      0.00      0.00     21.00     -0.38
   0.      0.00      0.00     29.74 12489.12      0.00     -0.01     -0.01     -0.11      0.00      0.00      0.00      0.00     21.03      0.99
   0.      0.00      0.00     40.15 12518.03      0.00     -0.01     -0.01     -0.13      0.00      0.00      0.00      0.00     20.99      0.11
   0.      0.00      0.00     50.40 12546.94      0.00     -0.01     -0.01      0.28      0.00      0.00      0.00      0.00     20.94     -0.17
   0.      0.00      0.00     59.68 12518.03      0.00     -0.01     -0.01     -0.30      0.00      0.00      0.00      0.00     20.90     -0.47
   0.      0.00      0.00     69.92 12604.76      0.00     -0.01     -0.01     -0.40      0.00      0.00      0.00      0.00     20.85     -0.07
   5.      0.00      0.00     10.23 12668.36      0.01      0.02      0.06     -0.21      0.00      0.00      0.00      0.00     20.83     -1.02
  10.      0.00      0.00     19.49 12546.94      0.01      0.05      0.13      0.37      0.00      0.00      0.00      0.00     20.78     -0.32
  15.      0.00      0.00     29.73 12575.85      0.03      0.09      0.17      0.26      0.00      0.00      0.00      0.00     20.62      2.78
  20.      0.00      0.00     40.15 12546.94      0.08      0.15      0.28      0.07      0.00      0.00      0.00      0.00     20.49      3.16
  25.      0.00      0.00     50.40 12518.03      0.15      0.23      0.51      0.15      0.00      0.00      0.00      0.00     20.28      3.48
  30.      0.00      0.00     59.68 12518.03      0.22      0.32      0.71      0.53      0.00      0.00      0.00      0.00     19.91      4.41
  35.      0.00      0.00     69.92 12518.03      0.33      0.42      1.08     -0.41      0.00      0.00      0.00      0.00     19.47      5.48
  40.      0.00      0.00     10.23 12474.67      0.55      0.53      1.60      2.99      0.00      0.00      0.00      0.00     18.77      9.33
  45.      0.00      0.00     19.49 12228.93      0.86      0.70      2.56      1.94      0.00      0.00      0.00      0.00     17.99      8.36
  50.      0.00      0.00     29.74 12200.02      1.10      0.83      3.85     -0.61      0.00      0.00      0.00      0.00     16.74      5.59
  55.      0.00      0.00     40.15 11882.01      1.29      0.84      4.99      0.31      0.00      0.00      0.00      0.00     14.82     13.70
  60.      0.00      0.00     50.40 11708.55      1.46      0.84      6.13     -0.00      0.00      0.00      0.00      0.00     12.67     12.50
  65.      0.00      0.00     59.68 11506.18      1.60      0.85      7.18      0.49      0.00      0.00      0.00      0.00     11.49     11.31
  70.      0.00      0.00     69.93 11332.72      1.71      0.86      7.66     -0.81      0.00      0.00      0.00      0.00     10.60     15.07
  75.      0.00      0.00     10.23 11211.30      1.87      0.88      8.30      5.63      0.00      0.00      0.00      0.00      9.69     14.92
  80.      0.00      0.00     19.48 10956.89      2.04      0.92      9.60      3.11      0.00      0.00      0.00      0.00      9.05     11.23
  85.      0.00      0.00     29.73 10725.61      2.20      0.95     10.29      0.21      0.00      0.00      0.00      0.00      9.09     14.75
  90.      0.00      0.00     40.15 10494.33      2.20      0.99     10.77     -0.31      0.00      0.00      0.00      0.00      8.81     15.31
  95.      0.00      0.00     50.40 10291.96      2.37      1.02     11.32     -0.35      0.00      0.00      0.00      0.00      8.49     10.96
 100.      0.00      0.00     59.67 10060.68      2.43      1.01     11.35     -0.59      0.00      0.00      0.00      0.00      8.21      9.60
 105.      0.00      0.00     69.93  9858.31      2.53      1.02     11.61     -0.65      0.00      0.00      0.00      0.00      8.10     11.94
 110.      0.00      0.00     10.23  9788.93      2.52      1.03     11.44      4.84      0.00      0.00      0.00      0.00      8.38      6.46
 115.      0.00      0.00     19.49  9540.30      2.84      1.03     12.11      4.38      0.00      0.00      0.00      0.00      8.55     11.10
 120.      0.00      0.00     29.73  9280.11      2.86      1.05     12.41      0.32      0.00      0.00      0.00      0.00      8.96     14.88
 125.      0.00      0.00     40.15  9077.74      2.81      1.08     13.02      0.31      0.00      0.00      0.00      0.00      9.07     14.67
 130.      0.00      0.00     50.39  8846.46      2.81      1.03     12.01     -0.81      0.00      0.00      0.00      0.00      9.19     12.99
 135.      0.00      0.00     59.67  8701.91      2.89      0.99     11.35     -0.81      0.00      0.00      0.00      0.00      9.27     12.50
 140.      0.00      0.00     69.92  8528.45      3.07      0.99     11.40     -0.98      0.00      0.00      0.00      0.00      9.32      8.74
 145.      0.00      0.00     10.22  8430.15      2.96      0.98     12.30      6.08      0.00      0.00      0.00      0.00      9.46     13.01
 150.      0.00      0.00     19.47  8152.62      3.13      0.94     11.35      4.07      0.00      0.00      0.00      0.00      9.47     11.36
 155.      0.00      0.00     29.72  8080.34      3.19      0.95     11.21      1.31      0.00      0.00      0.00      0.00      9.44      5.54
 160.      0.00      0.00     40.14  7933.68      3.27      0.91     10.57     -0.62      0.00      0.00      0.00      0.00      9.38      6.67
 165.      0.00      0.00     50.38  7794.14      3.16      0.88     10.49     -0.89      0.00      0.00      0.00      0.00      9.14     13.32
 170.      0.00      0.00     59.67  7487.69      3.40      0.92     11.40     -1.19      0.00      0.00      0.00      0.00      9.38     15.24
 175.      0.00      0.00     69.91  7285.32      3.55      0.92     11.13     -1.09      0.00      0.00      0.00      0.00      9.91     10.98
 180.      0.00      0.00     10.22  7270.86      3.48      0.90     10.65      5.13      0.00      0.00      0.00      0.00      9.85     16.11
 185.      0.00      0.00     19.47  7088.73      3.31      0.87     10.29      1.41      0.00      0.00      0.00      0.00      9.70      7.14
 190.      0.00      0.00     29.72  6932.61      3.17      0.84      9.72      1.73      0.00      0.00      0.00      0.00      9.51     12.75
 195.      0.00      0.00     40.14  6678.21      3.37      0.83      9.97     -0.53      0.00      0.00      0.00      0.00      9.82      9.81
 200.      0.00      0.00     50.39  6600.15      3.41      0.84     10.12     -0.89      0.00      0.00      0.00      0.00     10.04     15.12
 205.      0.00      0.00     59.67  6493.19      3.35      0.84      9.89     -0.97      0.00      0.00      0.00      0.00      9.92     11.40
 210.      0.00      0.00     69.93  6290.81      3.37      0.82      9.61     -0.81      0.00      0.00      0.00      0.00     10.06     12.76
 215.      0.00      0.00     10.23  6123.14      3.46      0.82      9.64      5.59      0.00      0.00      0.00      0.00      9.95      6.22
 220.      0.00      0.00     19.49  6019.06      3.32      0.83     10.16      4.75      0.00      0.00      0.00      0.00     10.10     11.63
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TIME       28       29       30        31       32       33       34       35       36       37       38       39       40       41
 225.     0.00     0.00    29.73   5877.40     3.45     0.81     9.31     0.23     0.00     0.00     0.00     0.00    10.43     7.43
 230.     0.00     0.00    40.15   5709.73     3.54     0.81     9.37    -0.97     0.00     0.00     0.00     0.00    10.33    12.83
 235.     0.00     0.00    50.39   5542.05     3.59     0.81     9.37    -0.93     0.00     0.00     0.00     0.00    10.55     9.94
 240.     0.00     0.00    59.67   5423.52     3.49     0.82     9.47    -0.59     0.00     0.00     0.00     0.00    10.43    11.38
 245.     0.00     0.00    69.92   5267.40     3.48     0.80     9.26    -1.35     0.00     0.00     0.00     0.00    11.04    13.05
 250.     0.00     0.00    10.23   5131.52     3.59     0.80     9.11     5.31     0.00     0.00     0.00     0.00    10.51     9.73
 255.     0.00     0.00    19.50   4949.39     3.53     0.79     9.11     4.09     0.00     0.00     0.00     0.00    10.51     8.71
 260.     0.00     0.00    29.73   4862.66     3.59     0.80     9.29     0.48     0.00     0.00     0.00     0.00    10.54    11.58
 265.     0.00     0.00    40.15   4770.15     3.39     0.79     8.61    -0.88     0.00     0.00     0.00     0.00    10.66    11.09
 270.     0.00     0.00    50.39   4622.70     3.42     0.77     8.59    -0.90     0.00     0.00     0.00     0.00    10.73    11.28
 275.     0.00     0.00    59.67   4504.18     3.33     0.76     8.03    -1.07     0.00     0.00     0.00     0.00    10.77    15.36
 280.     0.00     0.00    69.93   4385.64     3.27     0.74     8.05    -1.17     0.00     0.00     0.00     0.00    10.94    12.27
 285.     0.00     0.00    10.23   4252.66     3.42     0.73     7.73     5.24     0.00     0.00     0.00     0.00    11.18     9.78
 290.     0.00     0.00    19.48   4108.11     3.30     0.71     7.63     3.72     0.00     0.00     0.00     0.00    11.45    16.77
 295.     0.00     0.00    29.73   3989.58     3.27     0.70     7.43     2.34     0.00     0.00     0.00     0.00    11.49     9.72
 300.     0.00     0.00    40.14   3839.25     3.11     0.68     6.89     0.36     0.00     0.00     0.00     0.00    11.69    11.13
 305.     0.00     0.00    50.39   3755.41     3.00     0.67     6.86    -0.85     0.00     0.00     0.00     0.00    12.03    12.10
 310.     0.00     0.00    59.67   3619.53     3.02     0.67     7.02    -0.97     0.00     0.00     0.00     0.00    12.34     7.28
 315.     0.00     0.00    69.92   3483.65     2.91     0.64     6.33    -0.93     0.00     0.00     0.00     0.00    12.35     9.29
 320.     0.00     0.00    10.22   3379.58     2.77     0.61     6.02     5.06     0.00     0.00     0.00     0.00    12.40     9.59
 325.     0.00     0.00    19.47   3330.43     2.71     0.57     5.73     3.44     0.00     0.00     0.00     0.00    12.67     9.78
 330.     0.00     0.00    29.72   3203.23     2.51     0.56     5.50     1.01     0.00     0.00     0.00     0.00    12.99     8.56
 335.     0.00     0.00    40.14   3107.82     2.36     0.55     4.91    -0.65     0.00     0.00     0.00     0.00    13.37    13.24
 340.     0.00     0.00    50.39   3003.75     2.35     0.51     4.79    -1.02     0.00     0.00     0.00     0.00    13.57    12.48
 345.     0.00     0.00    59.66   2940.15     2.29     0.49     4.54    -1.24     0.00     0.00     0.00     0.00    13.76    11.72
 350.     0.00     0.00    69.92   2859.20     2.18     0.46     4.20    -1.06     0.00     0.00     0.00     0.00    14.01    12.02
 355.     0.00     0.00    10.22   2801.38     2.00     0.43     3.88     4.60     0.00     0.00     0.00     0.00    14.27    13.77
 360.     0.00     0.00    19.49   2711.76     1.92     0.41     3.56     3.26     0.00     0.00     0.00     0.00    14.43     9.63
 365.     0.00     0.00    29.73   2627.92     1.83     0.38     3.34     0.20     0.00     0.00     0.00     0.00    14.71     8.21
 370.     0.00     0.00    40.14   2546.97     1.81     0.36     3.16    -0.54     0.00     0.00     0.00     0.00    14.82    11.85
 375.     0.00     0.00    50.38   2460.24     1.66     0.34     3.00    -0.79     0.00     0.00     0.00     0.00    15.29     9.34
 380.     0.00     0.00    59.66   2440.00     1.55     0.31     2.78    -1.09     0.00     0.00     0.00     0.00    15.52    10.84
 385.     0.00     0.00    69.92   2361.95     1.51     0.30     2.61    -0.97     0.00     0.00     0.00     0.00    15.81     8.83
 390.     0.00     0.00    10.22   2281.00     1.40     0.28     2.40     3.96     0.00     0.00     0.00     0.00    15.98     8.87
 395.     0.00     0.00    19.48   2246.31     1.37     0.27     2.30     3.24     0.00     0.00     0.00     0.00    16.07     9.05
 400.     0.00     0.00    29.73   2208.72     1.26     0.26     2.18    -0.70     0.00     0.00     0.00     0.00    16.34    10.50
 405.     0.00     0.00    40.14   2165.36     1.26     0.25     2.03    -0.79     0.00     0.00     0.00     0.00    16.56    10.50
 410.     0.00     0.00    50.39   2110.43     1.17     0.25     1.87    -1.27     0.00     0.00     0.00     0.00    16.83     8.16
 415.     0.00     0.00    59.67   2055.50     1.13     0.25     1.93    -0.98     0.00     0.00     0.00     0.00    17.12    10.43
 420.     0.00     0.00    69.91   2012.14     1.09     0.24     1.82    -0.85     0.00     0.00     0.00     0.00    17.19     8.09
 425.     0.00     0.00    10.23   2015.03     1.03     0.23     1.75     3.06     0.00     0.00     0.00     0.00    17.30     5.53
 430.     0.00     0.00    19.48   1965.88     1.09     0.23     1.48     3.01     0.00     0.00     0.00     0.00    17.42     6.52
 435.     0.00     0.00    29.73   1910.95     0.97     0.22     1.55    -0.00     0.00     0.00     0.00     0.00    17.54     7.85
 440.     0.00     0.00    40.14   1879.15     0.96     0.22     1.43    -0.37     0.00     0.00     0.00     0.00    17.66     5.67
 445.     0.00     0.00    50.38   1870.48     0.91     0.22     1.34    -0.02     0.00     0.00     0.00     0.00    17.79     7.76
 450.     0.00     0.00    59.66   1847.35     0.86     0.21     1.41    -0.59     0.00     0.00     0.00     0.00    17.97     5.63
 455.     0.00     0.00    69.92   1792.42     0.83     0.21     1.32    -0.80     0.00     0.00     0.00     0.00    18.02     6.03
 460.     0.00     0.00    10.23   1763.51     0.80     0.21     1.17     3.63     0.00     0.00     0.00     0.00    18.14     6.55
 465.     0.00     0.00    19.48   1743.27     0.79     0.20     1.16     2.11     0.00     0.00     0.00     0.00    18.18     9.72
 470.     0.00     0.00    29.73   1705.69     0.75     0.20     1.12     0.07     0.00     0.00     0.00     0.00    18.25     6.40
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TIME	28	29	30	31	32	33	34	35	36	37	38	39	40	41
475.	0.00	0.00	40.14	1691.23	0.73	0.20	1.12	-0.47	0.00	0.00	0.00	0.00	18.30	5.88
480.	0.00	0.00	50.39	1673.89	0.71	0.20	1.10	-0.62	0.00	0.00	0.00	0.00	18.25	2.91
485.	0.00	0.00	59.67	1642.09	0.69	0.19	1.22	-0.85	0.00	0.00	0.00	0.00	18.38	4.29
490.	0.00	0.00	69.92	1618.96	0.67	0.19	1.08	-0.93	0.00	0.00	0.00	0.00	18.44	9.49
495.	0.00	0.00	10.23	1647.87	0.64	0.18	1.17	3.00	0.00	0.00	0.00	0.00	18.48	5.61
500.	0.00	0.00	19.48	1647.87	0.64	0.18	1.04	1.43	0.00	0.00	0.00	0.00	18.67	7.86
505.	0.00	0.00	29.73	1566.92	0.61	0.18	1.09	-0.30	0.00	0.00	0.00	0.00	18.73	8.07
510.	0.00	0.00	40.14	1566.92	0.60	0.18	1.10	0.19	0.00	0.00	0.00	0.00	18.82	7.16
515.	0.00	0.00	50.40	1564.03	0.58	0.18	1.03	-0.86	0.00	0.00	0.00	0.00	18.87	7.78
520.	0.00	0.00	59.68	1590.05	0.56	0.18	1.03	0.23	0.00	0.00	0.00	0.00	18.96	4.32
525.	0.00	0.00	69.93	1546.68	0.56	0.18	0.95	-0.86	0.00	0.00	0.00	0.00	18.96	2.80
530.	0.00	0.00	10.23	1491.75	0.54	0.18	0.96	2.74	0.00	0.00	0.00	0.00	19.07	3.19
535.	0.00	0.00	19.48	1509.10	0.52	0.18	0.92	2.00	0.00	0.00	0.00	0.00	19.11	3.98
540.	0.00	0.00	29.73	1509.10	0.51	0.18	0.90	0.72	0.00	0.00	0.00	0.00	19.21	5.17
545.	0.00	0.00	40.14	1474.41	0.49	0.18	0.92	-0.69	0.00	0.00	0.00	0.00	19.32	5.41
550.	0.00	0.00	50.40	1494.65	0.49	0.17	0.90	-0.63	0.00	0.00	0.00	0.00	19.38	4.39
555.	0.00	0.00	59.67	1468.63	0.48	0.17	0.87	0.34	0.00	0.00	0.00	0.00	19.48	8.11
560.	0.00	0.00	69.93	1480.19	0.46	0.17	0.81	-0.92	0.00	0.00	0.00	0.00	19.60	5.52
565.	0.00	0.00	10.23	1451.28	0.44	0.18	0.81	2.23	0.00	0.00	0.00	0.00	19.69	8.59
570.	0.00	0.00	19.49	1474.41	0.45	0.18	0.82	1.01	0.00	0.00	0.00	0.00	19.69	4.30
575.	0.00	0.00	29.73	1474.41	0.43	0.18	0.77	0.41	0.00	0.00	0.00	0.00	19.74	3.09
580.	0.00	0.00	40.15	1462.85	0.41	0.17	0.82	0.30	0.00	0.00	0.00	0.00	19.83	1.07
585.	0.00	0.00	50.39	1468.63	0.42	0.17	0.75	0.41	0.00	0.00	0.00	0.00	19.87	2.76
590.	0.00	0.00	59.67	1474.41	0.39	0.17	0.76	-1.08	0.00	0.00	0.00	0.00	19.93	2.96
595.	0.00	0.00	69.91	1468.63	0.38	0.17	0.75	-0.84	0.00	0.00	0.00	0.00	19.96	4.03
600.	0.00	0.00	10.23	1448.39	0.38	0.17	0.72	2.36	0.00	0.00	0.00	0.00	19.98	2.09
605.	0.00	0.00	19.49	1445.50	0.36	0.17	0.71	1.29	0.00	0.00	0.00	0.00	20.03	4.29
610.	0.00	0.00	29.73	1436.83	0.37	0.17	0.77	0.07	0.00	0.00	0.00	0.00	20.11	4.98
615.	0.00	0.00	40.15	1439.72	0.36	0.16	0.79	-0.27	0.00	0.00	0.00	0.00	20.17	5.42
620.	0.00	0.00	50.39	1465.74	0.36	0.16	0.74	-0.50	0.00	0.00	0.00	0.00	20.22	4.62
625.	0.00	0.00	59.68	1462.85	0.36	0.16	0.75	-0.32	0.00	0.00	0.00	0.00	20.31	-0.22
630.	0.00	0.00	69.93	1422.37	0.34	0.16	0.72	-0.78	0.00	0.00	0.00	0.00	20.37	6.41
635.	0.00	0.00	10.23	1433.94	0.34	0.16	0.69	1.92	0.00	0.00	0.00	0.00	20.38	2.25
640.	0.00	0.00	19.48	1448.39	0.34	0.16	0.75	1.47	0.00	0.00	0.00	0.00	20.30	2.47
645.	0.00	0.00	29.73	1462.85	0.33	0.15	0.74	0.98	0.00	0.00	0.00	0.00	20.36	3.26
650.	0.00	0.00	40.15	1468.63	0.33	0.16	0.75	-0.25	0.00	0.00	0.00	0.00	20.39	4.68
655.	0.00	0.00	50.39	1407.92	0.32	0.16	0.75	-0.48	0.00	0.00	0.00	0.00	20.53	5.98
660.	0.00	0.00	59.67	1445.50	0.31	0.16	0.71	-0.84	0.00	0.00	0.00	0.00	20.57	5.90
665.	0.00	0.00	69.92	1445.50	0.30	0.16	0.71	-0.80	0.00	0.00	0.00	0.00	20.63	3.03
670.	0.00	0.00	10.22	1445.50	0.31	0.16	0.77	1.98	0.00	0.00	0.00	0.00	20.57	2.36
675.	0.00	0.00	19.48	1448.39	0.28	0.16	0.73	1.33	0.00	0.00	0.00	0.00	20.62	-0.23
680.	0.00	0.00	29.72	1428.15	0.28	0.15	0.71	0.21	0.00	0.00	0.00	0.00	20.64	5.99
685.	0.00	0.00	40.13	1483.08	0.28	0.15	0.71	-0.57	0.00	0.00	0.00	0.00	20.68	5.43
690.	0.00	0.00	50.38	1465.74	0.29	0.15	0.68	0.44	0.00	0.00	0.00	0.00	20.59	0.61
695.	0.00	0.00	59.66	1471.52	0.28	0.15	0.68	-0.50	0.00	0.00	0.00	0.00	20.58	4.37
700.	0.00	0.00	69.91	1425.26	0.28	0.15	0.67	-0.79	0.00	0.00	0.00	0.00	20.66	5.01
705.	0.00	0.00	10.22	1445.50	0.27	0.15	0.65	1.92	0.00	0.00	0.00	0.00	20.61	1.08
710.	0.00	0.00	19.49	1454.17	0.28	0.15	0.70	1.32	0.00	0.00	0.00	0.00	20.69	3.17
715.	0.00	0.00	29.73	1439.72	0.26	0.15	0.67	0.16	0.00	0.00	0.00	0.00	20.71	2.70
720.	0.00	0.00	40.14	1428.15	0.25	0.15	0.66	0.27	0.00	0.00	0.00	0.00	20.60	4.10

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PRC8-P-4-1                                                                              PAGE    12

TIME      28       29       30       31        32       33       34       35       36       37       38       39       40       41
 725.    0.00     0.00    50.39  1407.92     0.26     0.15     0.66     0.08     0.00     0.00     0.00     0.00    20.59     2.76
 730.    0.00     0.00    59.66  1433.94     0.25     0.15     0.66    -0.19     0.00     0.00     0.00     0.00    20.70     3.24
 735.    0.00     0.00    69.91  1457.06     0.25     0.15     0.64    -0.45     0.00     0.00     0.00     0.00    20.60     4.56
 740.    0.00     0.00    10.23  1454.17     0.26     0.14     0.68     1.84     0.00     0.00     0.00     0.00    20.60     0.21
 745.    0.00     0.00    19.48  1451.28     0.24     0.14     0.64     1.20     0.00     0.00     0.00     0.00    20.70     3.25
 750.    0.00     0.00    29.73  1439.72     0.24     0.14     0.65     0.33     0.00     0.00     0.00     0.00    20.65     1.95
 755.    0.00     0.00    40.14  1474.41     0.24     0.14     0.64    -0.21     0.00     0.00     0.00     0.00    20.72     2.86
 760.    0.00     0.00    50.38  1405.03     0.24     0.14     0.63     0.03     0.00     0.00     0.00     0.00    20.76     1.51
 765.    0.00     0.00    59.67  1442.61     0.24     0.14     0.63    -0.91     0.00     0.00     0.00     0.00    20.75     4.53
 770.    0.00     0.00    69.92  1413.70     0.24     0.14     0.64    -0.50     0.00     0.00     0.00     0.00    20.69     0.46
 775.    0.00     0.00    10.22  1433.94     0.25     0.14     0.62     1.70     0.00     0.00     0.00     0.00    20.80     3.29
 780.    0.00     0.00    19.48  1445.50     0.23     0.14     0.62     1.17     0.00     0.00     0.00     0.00    20.82     2.17
 785.    0.00     0.00    29.73  1399.24     0.25     0.14     0.60     0.30     0.00     0.00     0.00     0.00    20.79    -0.35
 790.    0.00     0.00    19.49  1445.50     0.22     0.14     0.60     1.05     0.00     0.00     0.00     0.00    20.81     6.06
 795.    0.00     0.00    29.73  1425.26     0.23     0.14     0.58    -0.48     0.00     0.00     0.00     0.00    20.77     4.80
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TIME      42      43      44      45      46      47      48
   0.    0.31   -0.56   -0.45   -1.08   -0.88    0.00    0.00
   0.   -1.32    0.31   -0.22    1.54    0.20    0.00    0.00
   0.    0.90   -1.47    1.11   -0.59    1.17    0.00    0.00
   0.   -0.63    0.98   -0.09    0.23   -0.70    0.00    0.00
   0.    1.01    0.17   -0.33    0.59   -0.08    0.00    0.00
   0.   -0.28    0.56   -0.02   -0.68    0.28    0.00    0.00
   5.    2.19   -1.00    0.70   -0.19    1.98    0.00    5.00
  10.    1.72   -0.91    0.57    0.18   -0.03    0.00   10.00
  15.    0.73    2.36   -1.59    1.01   -1.43    0.10   15.00
  20.    3.26    2.98   -0.93   -0.02    0.28    0.40   20.00
  25.    5.00    1.85   -0.71   -2.03   -3.22    0.64   25.00
  30.    5.54   -1.07    1.62   -0.33   -0.66    1.24   30.00
  35.    5.01    1.55   -2.19    1.71   -0.05    2.12   35.00
  40.    6.98    1.35   -2.85   -1.65   -3.03    3.16   40.00
  45.    9.75    1.38    1.97   -3.56   -1.56    4.09   45.00
  50.    7.16    4.21    1.69    0.16    1.82    6.10   50.00
  55.    5.81    7.76   -0.91   -0.80    4.17    8.25   55.00
  60.    7.54    6.23    0.21   -1.55   -2.06    9.81   60.00
  65.    5.34    5.99    0.48   -1.99   -0.54   10.46   65.00
  70.   11.43    3.79    0.22   -0.18   -1.47   10.85   70.00
  75.    9.33    2.37   -0.53   -1.10   -1.90   11.65   75.00
  80.    5.02    5.77    0.13    0.25   -2.72   11.50   80.00
  85.    5.72    5.50    1.89   -1.68    1.85   11.34   85.00
  90.    6.38    3.73    1.84   -0.95    1.23   11.77   90.00
  95.   11.89    3.80   -0.45    0.43   -2.31   11.95   95.00
 100.   11.73    3.15    0.36   -0.83   -2.30   12.11  100.00
 105.    6.06    4.46    1.70   -1.60   -0.63   12.18  105.00
 110.   11.34    5.48    2.11   -0.88   -2.11   12.16  110.00
 115.    9.61    4.66    0.93    1.49   -0.22   11.76  115.00
 120.   11.16    6.04   -1.05   -0.01   -3.48   11.66  120.00
 125.   11.37    1.38    0.76   -2.29    0.43   11.73  125.00
 130.    7.61    4.39   -0.33   -1.50   -2.44   11.66  130.00
 135.    9.02    7.90   -0.44   -2.31   -1.96   11.43  135.00
 140.   12.98    5.64   -1.61    0.74   -1.09   11.67  140.00
 145.   12.33    6.11    1.41    1.21   -0.74   11.62  145.00
 150.    9.33   10.05   -1.54   -1.42   -3.34   11.48  150.00
 155.   10.35    8.96   -6.32   -1.30   -2.00   11.58  155.00
 160.   10.00    5.04   -0.81   -0.42   -0.63   11.73  160.00
 165.    6.92    5.85   -0.14    1.58   -3.15   11.69  165.00
 170.    8.16    0.75    1.01   -1.18   -0.88   11.32  170.00
 175.    7.50   10.48    0.90   -3.34    1.71   11.11  175.00
 180.    6.65    9.50    0.36   -0.96   -0.69   10.97  180.00
 185.   12.82    5.27   -2.73   -1.74   -0.32   11.56  185.00
 190.   10.40    4.37   -0.83    0.61   -1.02   11.57  190.00
 195.   10.14    9.25   -3.38    4.19    0.30   11.31  195.00
 200.    9.60    3.18    4.29   -3.86   -0.47   10.93  200.00
 205.   10.78    5.06    1.59   -2.19    0.04   10.98  205.00
 210.    7.04    7.99   -4.08    0.16    2.37   11.25  210.00
 215.    9.63   10.53   -1.54   -1.22    3.27   11.05  215.00
 220.   11.30    5.02    3.38   -0.56    1.36   10.94  220.00
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TIME       42       43       44       45       46       47       48
 225.     11.97     6.98    -1.04    -1.20    -0.06    10.55   225.00
 230.      8.34     5.79    -2.73    -2.10     1.52    10.84   230.00
 235.     10.59     5.64     0.92    -1.34     0.11    10.64   235.00
 240.      9.11     5.43    -1.46     3.92    -4.15    10.30   240.00
 245.      8.63     7.24     3.29    -3.88    -1.96    10.08   245.00
 250.     10.98     2.98    -1.83    -0.21     0.02    10.88   250.00
 255.      9.92     5.45     2.02    -0.49     1.00    11.12   255.00
 260.      7.99     9.11    -0.24    -0.50     0.59    10.85   260.00
 265.     10.23     7.68    -0.49     1.03    -2.14    10.43   265.00
 270.     12.89     3.02    -2.33     1.43    -0.99    10.66   270.00
 275.     10.36     5.68    -2.17     0.76     0.79    10.55   275.00
 280.      5.12     9.80    -1.54     2.30    -1.95    10.07   280.00
 285.     11.98     7.61     0.67    -0.79    -2.56    10.23   285.00
 290.      9.80     6.35    -0.70     0.75    -9.23     9.73   290.00
 295.     11.23     7.01    -0.77     0.06    -1.05     9.80   295.00
 300.      9.59     7.06    -0.92    -0.83    -3.38     9.39   300.00
 305.     12.21     4.78    -3.13     0.06    -0.44     9.20   305.00
 310.      9.99     3.78     2.60    -3.17    -0.48     8.96   310.00
 315.      8.94     7.82    -0.70    -1.16     0.43     9.14   315.00
 320.     11.02     4.39    -0.18    -1.39    -4.34     9.07   320.00
 325.     10.49     4.28     1.26    -0.78    -1.51     8.24   325.00
 330.      9.18     4.46     1.11    -2.10    -1.03     8.01   330.00
 335.     12.52     2.97     0.35     1.30    -0.70     7.43   335.00
 340.     11.31     4.66    -0.99    -0.25    -0.29     7.59   340.00
 345.      7.06     5.52     0.66    -0.63    -0.74     7.31   345.00
 350.      7.57     3.64     0.95     1.11    -1.28     6.96   350.00
 355.      6.20     5.08    -0.23    -0.35    -1.56     6.53   355.00
 360.      9.70     4.70    -1.95     0.99    -3.73     6.56   360.00
 365.     10.15     6.45    -3.35     0.85    -3.18     6.01   365.00
 370.      8.31     2.62     0.41    -1.50    -3.99     6.01   370.00
 375.     10.23     2.42    -0.03    -0.90    -1.85     5.49   375.00
 380.      5.48     2.92     1.49     0.26    -1.92     5.19   380.00
 385.      6.36     4.72    -1.90    -0.32    -1.73     5.09   385.00
 390.      6.93     5.31    -1.87    -1.24    -1.35     4.99   390.00
 395.      6.88     4.03     1.77    -1.44    -3.28     4.80   395.00
 400.      5.25     6.10     0.51    -1.41    -0.48     4.49   400.00
 405.      5.98     4.47    -0.06    -0.48    -2.22     4.40   405.00
 410.      6.65     3.00    -0.48     2.77    -3.76     3.94   410.00
 415.      4.03     4.65     2.11    -0.76    -0.89     3.92   415.00
 420.      4.95     6.46     0.30     0.33    -1.24     3.77   420.00
 425.      6.45     4.78    -0.01    -0.43    -2.22     3.71   425.00
 430.      8.03     2.19     3.26    -2.14     0.20     3.71   430.00
 435.      5.82     4.82    -0.78     0.80    -1.11     3.44   435.00
 440.      7.57     4.36     0.32    -1.29    -1.19     3.36   440.00
 445.      7.37     4.05    -0.23     0.06    -0.42     3.29   445.00
 450.      6.70     4.37    -1.10     0.72    -3.01     3.11   450.00
 455.      7.45     2.73     1.78    -1.58     1.97     2.97   455.00
 460.      6.34     3.30    -0.89     0.73    -2.05     2.95   460.00
 465.      4.83     6.28    -1.98    -0.14    -0.18     2.91   465.00
 470.      4.97     3.38     0.92    -0.89    -0.73     2.81   470.00
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TIME	42	43	44	45	46	47	48
475.	5.00	4.04	0.28	-1.15	-1.09	2.94	475.00
480.	5.78	3.86	0.12	-0.46	-0.41	2.66	480.00
485.	8.40	1.72	0.67	-0.98	-1.47	2.56	485.00
490.	3.94	4.47	0.69	-0.99	-0.03	2.59	490.00
495.	6.67	0.54	1.46	-0.83	-1.51	2.43	495.00
500.	3.81	4.46	-0.91	1.20	-1.77	2.41	500.00
505.	4.25	2.56	1.48	-0.92	-0.73	2.26	505.00
510.	3.12	3.91	-1.13	0.13	-0.11	2.22	510.00
515.	4.26	2.26	0.23	-2.10	-0.11	2.17	515.00
520.	4.93	2.98	-0.75	-0.00	-1.11	2.01	520.00
525.	5.89	3.44	-1.57	0.73	-0.35	1.91	525.00
530.	8.44	0.03	0.25	0.08	-1.31	1.77	530.00
535.	6.42	1.82	-0.12	0.72	-2.85	1.77	535.00
540.	5.49	1.08	1.72	-1.14	-3.99	1.57	540.00
545.	4.63	1.41	-0.19	0.21	-1.57	1.54	545.00
550.	4.88	2.41	-0.98	1.19	-0.95	1.35	550.00
555.	2.94	3.47	-1.77	1.27	-0.21	1.34	555.00
560.	4.24	2.88	-1.58	-1.56	-2.15	1.20	560.00
565.	1.70	2.88	0.05	1.26	-2.51	1.20	565.00
570.	6.08	-0.87	2.04	-0.86	-2.56	1.19	570.00
575.	4.36	2.21	-0.51	-0.40	0.04	1.08	575.00
580.	6.52	0.55	0.61	-0.73	-1.40	1.00	580.00
585.	6.43	-0.20	1.37	-0.83	-0.67	0.98	585.00
590.	4.00	1.51	0.22	-0.99	-0.15	0.93	590.00
595.	4.56	-0.31	1.34	0.15	-0.50	0.91	595.00
600.	4.41	1.67	-0.74	0.73	-1.86	0.86	600.00
605.	3.84	2.10	-0.55	-2.00	-2.73	0.77	605.00
610.	1.40	2.69	1.19	-1.36	0.79	0.65	610.00
615.	3.79	0.83	0.45	0.42	-0.47	0.64	615.00
620.	2.17	2.34	0.71	-0.85	0.76	0.53	620.00
625.	6.69	-1.57	1.79	-0.65	-0.50	0.44	625.00
630.	1.28	1.70	0.32	0.26	-1.37	0.42	630.00
635.	2.92	1.98	0.69	0.04	-0.74	0.45	635.00
640.	4.55	1.60	-1.51	-1.84	-2.21	0.39	640.00
645.	2.99	1.16	-0.06	-0.70	-0.96	0.35	645.00
650.	2.09	2.62	-0.57	0.63	-0.21	0.31	650.00
655.	1.45	2.23	-0.85	0.10	0.43	0.27	655.00
660.	1.80	2.31	-0.33	0.60	-1.63	0.19	660.00
665.	3.79	0.38	-0.40	0.97	-0.79	0.19	665.00
670.	2.58	-0.34	1.59	-1.57	0.01	0.18	670.00
675.	5.09	-2.01	0.82	-1.02	-3.92	0.20	675.00
680.	-0.44	3.63	-0.60	-0.48	0.44	0.17	680.00
685.	1.38	2.45	-0.65	-0.49	-2.02	0.15	685.00
690.	4.76	-0.79	0.56	0.13	0.72	0.17	690.00
695.	0.89	3.27	-0.78	0.46	0.40	0.14	695.00
700.	2.69	0.55	-0.92	1.10	-3.25	0.13	700.00
705.	3.17	0.61	-0.70	0.30	-0.41	0.11	705.00
710.	1.06	1.76	0.32	-0.65	-1.67	0.12	710.00
715.	2.71	1.34	-1.20	0.80	-0.73	0.12	715.00
720.	2.55	0.32	0.85	-0.75	-1.88	0.11	720.00

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TIME       42      43      44      45      46       47      48
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 730.    2.59    1.59    0.21   -1.82    0.68     0.09  730.00
 735.   -0.18    2.34   -0.82    0.37   -0.79     0.12  735.00
 740.    4.32   -1.57    0.68   -0.15   -2.31     0.12  740.00
 745.    0.73    2.00   -0.62   -0.63    1.04     0.07  745.00
 750.    3.23    1.92   -0.51   -0.99    0.57     0.03  750.00
 755.    2.64   -0.31    0.53    0.72   -1.38     0.10  755.00
 760.    1.49    1.04    1.13   -2.90    1.26     0.08  760.00
 765.    2.03    0.63    0.19    0.79   -0.53     0.07  765.00
 770.    3.96   -0.52    0.80   -0.30    1.68     0.04  770.00
 775.    1.21    0.98   -0.47    1.26    1.00     0.05  775.00
 780.    2.22   -0.31    1.39   -0.77   -0.54     0.05  780.00
 785.    4.31   -0.51    0.12    1.31   -2.16     0.06  785.00
 790.    1.24    0.72    0.46    0.95   -1.77     0.03  790.00
 795.    1.56    0.36    1.48   -0.10   -2.43     0.02  795.00
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TIME        0        1        2        3        4        5        6        7        8        9       10       11       12       13
  0.    24.55    23.35    22.88    22.92    22.38    21.70    21.57    24.05    23.77    23.72    23.63    23.72    23.63    23.55
  0.    24.40    23.10    22.90    22.75    22.90    21.72    21.90    24.10    23.80    23.70    23.67    23.72    23.63    23.57
  0.    24.22    23.35    22.90    22.85    22.85    21.72    21.70    24.13    23.80    23.77    23.72    23.80    23.65    23.65
  0.    24.65    24.50    22.85    22.85    22.67    21.75    21.63    24.15    23.80    23.63    23.70    23.80    23.67    23.60
  0.    24.65    23.97    22.77    22.85    22.80    21.80    21.80    24.10    23.82    23.77    23.77    23.77    23.65    23.65
  0.    24.13    23.75    22.92    23.07    22.85    21.97    21.97    24.10    23.85    23.77    23.77    23.77    23.67    23.65
  5.103316.37    27.97    28.95    23.40    22.82    22.30    22.27    25.05    34.54    29.20    27.85    27.90    26.72    27.12
 10.    34.61    32.46    29.13    23.30    23.30    22.40    21.88    25.45    37.63    31.95    32.44    33.51    29.27    29.90
 15.    37.71    34.34    25.05    23.22    23.25    22.45    22.38    25.97    40.46    37.02    35.76    36.27    33.80    35.39
 20.    41.39    36.63    23.55    22.92    22.72    22.42    21.97    26.72    42.41    40.27    38.73    38.93    35.95    38.41
 25.    49.05    41.78    29.05    22.72    23.10    22.47    22.07    27.57    47.61    43.88    41.93    44.07    38.29    40.76
 30.    55.41    42.29    23.60    22.72    23.27    22.22    22.10    28.37    55.49    49.63    47.37    50.32    43.68    42.17
 35.    59.50    47.34    23.47    22.72    23.40    22.25    22.20    29.80    62.76    55.73    50.29    52.78    51.49    52.56
 40.    67.86    56.27    23.20    22.80    23.32    22.05    22.00    30.73    73.51    63.26    59.55    61.93    56.54    58.81
 45.    78.51    60.33    24.70    22.82    23.30    22.07    21.95    32.37    86.40    80.62    78.29    74.98    66.57    70.95
 50.    87.62    64.43    24.40    22.90    23.10    21.85    21.00    34.44    97.02    83.06    82.50    84.02    75.65    79.02
 55.   103.10    74.73    24.32    22.70    23.37    21.92    21.72    36.71   116.24   101.27    92.90    95.48    87.14    95.64
 60.   119.15   100.15    32.88    22.72    23.47    21.97    21.63    39.34   142.20   123.54   113.93   113.34   100.58   110.00
 65.   140.00   105.32    27.35    23.02    23.60    21.97    21.72    43.12   157.22   143.25   142.10   126.34   118.68   112.24
 70.   149.80   118.83    25.15    22.95    23.60    21.88    21.77    46.54   174.57   156.45   148.20   141.42   129.61   127.17
 75.   167.52   112.46    24.72    23.05    23.75    21.95    21.80    50.54   182.97   167.67   158.17   154.65   144.15   155.10
 80.   181.05   124.73    32.66    23.13    24.00    22.05    21.88    55.22   202.95   177.25   168.07   166.55   153.75   166.30
 85.   199.38   148.82    28.77    23.32    24.13    21.97    21.97    58.40   213.97   196.55   185.10   189.00   174.55   179.35
 90.   207.12   168.47    25.57    23.52    24.30    22.27    22.17    62.00   235.07   217.22   204.10   202.93   199.35   192.57
 95.   225.95   177.77    28.25    23.87    24.52    22.32    22.12    67.43   243.29   225.57   217.50   224.32   206.46   202.85
100.   232.54   177.15    35.32    24.07    24.57    22.07    22.07    74.15   269.51   239.80   238.80   236.98   220.30   221.05
105.   240.51   189.47    39.63    23.92    24.82    22.20    22.05    79.37   260.49   249.88   251.07   251.07   241.00   233.76
110.   254.12   215.72    58.00    23.97    25.07    22.57    22.27    83.12   279.32   252.32   254.00   254.85   250.51   251.68
115.   268.05   173.47    47.51    24.27    25.15    22.60    22.35    87.40   281.49   272.32   273.37   269.17   263.29   251.95
120.   273.44   203.76    42.32    24.30    24.97    22.35    22.47    92.00   305.49   279.56   272.34   268.29   249.15   242.07
125.   269.27   228.05    46.51    24.57    25.13    22.55    22.52   100.29   292.63   274.05   264.03   270.56   258.12   254.66
130.   262.17   218.80    39.39    24.77    25.27    22.52    22.40   104.58   280.15   275.07   266.98   273.76   266.73   269.85
135.   276.63   189.17    37.83    25.17    25.97    22.52    22.45   108.54   288.58   280.85   275.32   277.76   266.24   259.83
140.   283.78   251.85    37.61    24.82    25.77    22.65    22.50   112.10   310.52   292.22   288.54   281.39   274.83   274.12
145.   280.37   238.61    43.41    24.80    26.50    22.55    22.38   114.46   306.54   295.90   297.07   292.36   291.95   291.51
150.   296.37   231.50    48.58    24.77    26.57    22.40    22.38   118.73   308.76   292.57   290.90   303.10   292.74   278.80
155.   290.56   244.15    78.52    24.80    26.55    22.45    22.50   121.41   315.76   306.71   301.56   294.14   289.95   283.37
160.   285.39   235.17    64.98    24.97    26.15    22.82    23.05   124.49   324.83   312.98   307.51   305.98   287.22   279.07
165.   286.39   242.56    54.66    25.27    27.22    22.80    22.67   126.58   318.02   306.17   304.24   310.88   296.85   294.63
170.   292.46   223.97    50.07    25.45    26.95    22.85    22.77   129.76   315.48   313.71   310.71   310.86   304.63   293.26
175.   296.10   258.95    29.56    25.40    27.95    22.77    22.63   136.07   311.36   316.29   309.73   313.54   292.81   295.37
180.   286.15   256.63    40.71    25.42    27.20    23.10    22.65   138.90   314.93   310.10   310.61   309.68   297.24   291.54
185.   287.37   244.78    43.19    25.63    26.50    22.72    22.38   141.60   311.46   303.07   295.00   296.85   287.73   285.19
190.   290.93   238.54    46.56    25.65    26.52    22.55    22.47   142.90   308.19   292.76   293.02   307.51   294.02   302.41
195.   297.17   258.93    44.39    25.70    26.65    22.47    22.55   144.77   305.71   304.19   293.07   304.32   301.61   293.51
200.   280.66   251.83    66.17    25.88    26.92    22.63    22.02   147.15   312.90   302.17   291.50   306.15   293.79   282.12
205.   290.10   228.22    54.07    25.75    27.17    22.22    22.17   148.95   308.56   292.93   296.49   297.22   285.27   281.73
210.   287.88   228.44    43.44    25.92    26.25    22.30    22.35   150.45   305.29   295.22   287.80   283.66   275.10   274.34
215.   282.05   253.05    28.75    26.05    27.07    22.42    22.20   151.63   293.14   292.79   291.33   297.44   284.19   278.85
220.   283.61   240.88    49.83    26.10    27.07    22.55    22.12   153.65   305.07   292.61   288.90   294.15   276.32   273.98
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TIME	0	1	2	3	4	5	6	7	8	9	10	11	12	13
225.	284.22	244.88	48.34	25.82	26.32	22.60	22.60	154.55	293.31	296.63	294.76	294.44	279.27	272.34
230.	275.85	206.15	66.36	25.27	27.42	22.75	22.40	155.62	313.07	291.22	289.34	290.49	282.15	277.95
235.	278.41	243.22	55.17	25.32	27.97	22.65	22.47	156.72	303.44	294.09	295.66	290.88	278.73	275.51
240.	284.32	244.34	62.21	25.42	28.13	22.80	22.55	157.07	302.93	289.00	283.66	281.37	277.27	276.83
245.	283.15	244.85	76.61	25.47	27.38	23.00	22.90	156.67	291.93	292.95	292.17	292.05	286.63	290.17
250.	275.98	228.78	58.73	25.65	27.85	23.00	22.77	158.38	290.90	285.73	285.32	292.46	279.56	277.17
255.	284.37	233.25	51.83	25.80	27.50	23.10	23.00	159.90	294.24	277.71	273.61	278.71	273.76	274.83
260.	268.10	233.40	53.10	26.20	27.05	23.20	23.20	160.87	292.83	288.34	282.80	288.56	274.19	259.90
265.	277.76	244.32	78.88	26.20	27.75	23.47	23.22	161.72	293.93	288.80	286.63	284.66	274.29	271.83
270.	279.54	242.56	46.32	26.20	27.32	22.72	23.00	162.52	291.98	293.12	290.93	290.83	279.61	282.51
275.	278.61	230.70	70.76	25.60	28.13	22.90	22.95	164.40	296.17	287.73	286.51	279.68	268.95	267.15
280.	271.15	230.63	59.38	25.35	27.92	22.75	22.72	164.35	285.56	282.24	279.56	283.78	268.98	270.88
285.	265.51	225.25	64.67	25.30	28.22	22.85	22.92	163.77	291.88	289.34	286.12	290.51	280.15	288.10
290.	271.90	246.83	79.93	25.35	28.88	23.02	22.60	163.20	284.29	279.71	277.34	277.90	271.88	267.68
295.	268.22	225.95	89.64	25.25	29.00	22.80	22.55	164.42	293.58	281.98	281.63	282.88	267.22	267.05
300.	273.24	230.61	76.37	25.40	27.92	22.65	22.55	165.45	296.68	279.83	275.93	278.32	263.24	263.39
305.	273.80	216.52	75.12	25.42	28.63	22.72	22.57	165.55	284.76	280.37	276.83	276.49	266.98	266.24
310.	268.80	243.90	75.58	25.55	28.22	22.47	22.40	166.27	288.63	285.44	279.80	285.73	276.71	279.73
315.	269.46	240.46	65.57	25.45	28.80	22.50	22.42	167.30	284.17	286.54	282.80	286.00	269.76	261.80
320.	275.93	232.24	88.43	25.52	29.35	22.70	22.77	167.88	280.51	280.51	274.78	272.15	264.49	261.19
325.	273.29	223.10	83.36	25.85	28.27	23.07	22.92	167.45	287.88	278.61	274.29	276.95	267.12	269.56
330.	256.32	234.44	64.21	25.95	29.60	22.95	23.02	167.38	282.93	279.32	276.12	279.66	276.54	276.41
335.	273.61	247.00	44.27	26.40	27.72	22.97	22.82	168.30	285.71	282.27	279.61	284.83	277.41	267.95
340.	271.46	238.68	54.49	26.27	28.17	22.82	22.77	168.42	286.76	287.56	283.71	287.49	277.88	274.22
345.	270.44	217.38	73.39	26.80	28.50	22.90	22.42	169.17	295.02	280.41	276.12	276.37	268.56	277.44
350.	268.10	244.10	83.55	26.65	29.67	23.15	22.52	170.42	291.19	292.00	291.17	295.22	281.85	269.90
355.	279.85	234.54	64.12	26.27	28.37	23.00	23.13	172.45	292.98	287.19	281.12	275.60	268.05	266.12
360.	269.51	238.95	84.17	26.32	29.07	23.22	22.92	172.95	285.07	277.34	276.68	280.56	272.66	270.71
365.	277.58	231.38	78.02	25.88	29.82	22.90	22.70	173.72	290.49	281.73	279.12	277.51	266.19	261.73
370.	274.73	241.22	83.71	26.70	29.45	22.77	22.67	173.97	297.73	287.78	283.49	282.73	271.71	271.41
375.	269.32	233.12	82.71	26.55	28.72	22.82	22.65	174.17	290.49	280.24	274.10	276.10	263.34	261.80
380.	273.02	220.25	82.09	25.65	28.75	23.50	22.72	175.72	292.59	280.34	277.02	279.85	268.29	262.63
385.	267.24	238.44	151.13	25.77	27.80	22.80	22.72	175.97	284.19	280.73	278.54	279.19	270.39	269.05
390.	275.24	244.73	107.85	26.25	29.07	22.97	22.97	176.27	290.15	287.63	285.66	285.58	269.17	261.78
395.	274.85	232.22	53.88	26.32	29.30	22.77	22.95	177.50	293.95	289.19	283.17	280.78	271.66	265.07
400.	274.19	236.78	84.07	27.30	28.52	22.75	22.95	178.30	290.41	285.54	279.56	283.24	271.95	270.88
405.	264.85	242.10	82.00	28.00	29.82	23.07	22.70	179.30	288.90	283.02	279.07	279.54	271.05	264.45
410.	275.73	237.37	62.50	27.12	29.32	22.97	22.70	179.70	291.86	284.12	280.68	280.17	266.51	261.71
415.	264.88	230.46	97.33	27.75	28.95	22.70	22.70	180.42	288.83	286.19	281.46	276.02	263.51	259.68
420.	268.37	227.98	78.41	26.90	29.60	22.82	22.82	180.35	285.85	279.19	273.49	272.15	268.46	269.17
425.	263.41	247.95	71.10	27.22	29.38	22.63	22.72	181.05	286.73	281.39	275.66	276.66	270.56	271.51
430.	272.22	246.37	74.02	26.63	29.57	22.60	22.72	181.52	287.32	282.00	280.51	284.61	272.29	275.95
435.	272.44	244.17	86.88	27.47	29.30	22.90	22.55	181.95	286.19	282.44	280.68	283.34	275.66	271.56
440.	276.29	234.07	85.17	26.52	29.68	23.17	22.70	182.15	283.71	286.56	280.71	270.29	266.12	263.90
445.	268.46	229.93	96.05	26.38	29.13	23.13	22.85	183.47	286.12	278.78	278.63	279.32	269.54	266.80
450.	266.17	225.35	51.98	26.38	29.38	22.75	22.32	183.13	289.76	279.07	273.29	272.27	266.10	264.98
455.	269.63	233.30	63.45	26.35	28.45	22.85	22.38	183.25	287.00	281.05	279.95	281.68	272.44	269.78
460.	263.61	249.07	88.00	26.52	29.47	22.38	22.63	183.65	282.73	276.66	273.73	274.17	265.34	272.07
465.	263.88	238.78	112.90	26.25	28.67	22.05	22.35	184.13	280.34	279.88	277.61	277.37	269.78	273.07
470.	269.68	236.17	88.59	27.57	29.27	23.05	22.80	184.77	281.32	281.29	278.15	282.39	272.66	277.68

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TIME       0        1        2        3        4        5        6        7        8        9       10       11       12       13
 475.   269.37   230.98    84.93    27.12    28.67    22.72    22.67   184.17   292.02   281.22   275.56   270.34   262.22   263.85
 480.   260.71   235.95    91.69    26.95    28.37    22.77    23.00   183.47   284.49   274.39   270.15   270.50   257.24   258.80
 485.   262.29   202.73   110.19    25.75    27.90    22.97    23.17   183.77   280.29   272.54   268.71   268.02   263.41   259.63
 490.   260.85   232.17    89.33    28.17    29.34    22.72    23.02   184.10   281.37   272.05   267.24   271.95   263.34   257.63
 495.   259.95   233.51    74.22    26.92    29.27    23.35    23.57   184.30   279.80   268.19   266.51   269.32   261.50   264.07
 500.   261.17   230.00    52.95    26.00    29.07    23.10    22.77   184.02   279.39   271.51   265.46   266.49   259.95   261.85
 505.   259.37   226.32    70.83    26.60    28.27    22.67    22.00   183.10   273.12   268.71   265.85   265.56   258.58   254.34
 510.   259.07   233.25    78.48    26.45    27.85    22.57    22.60   183.13   269.54   265.71   264.93   266.71   254.41   252.95
 515.   256.71   226.63    73.60    26.27    28.92    22.85    22.47   183.50   272.68   265.37   263.37   266.10   257.46   251.54
 520.   252.46   216.77    82.55    26.10    28.65    22.35    22.42   183.17   274.78   261.41   257.49   257.88   251.44   251.22
 525.   254.15   235.29    88.48    26.55    28.72    22.50    22.52   182.55   268.85   262.24   258.17   260.41   250.46   253.15
 530.   252.68   221.13    79.88    26.35    29.07    22.90    22.90   182.12   268.73   265.37   262.63   263.24   252.58   252.76
 535.   250.93   228.05    74.68    26.30    28.75    23.15    22.57   181.72   263.39   259.39   256.44   258.54   249.68   251.05
 540.   247.73   216.02    64.76    26.10    29.57    23.10    22.17   181.90   256.93   251.17   247.98   246.66   241.27   248.78
 545.   245.51   216.07    85.21    26.00    28.65    23.63    22.45   181.57   250.32   247.56   246.05   249.32   243.54   249.41
 550.   247.17   223.12    82.24    26.10    27.75    23.52    22.90   181.05   251.34   249.17   247.88   248.58   239.00   240.80
 555.   244.93   204.68    81.40    25.92    29.02    23.40    23.07   180.90   258.95   250.46   248.95   247.44   242.12   240.27
 560.   247.17   217.72    87.21    25.88    29.52    23.35    23.35   180.02   249.02   244.29   240.17   242.58   235.29   240.02
 565.   241.27   200.37    86.81    25.97    28.72    23.27    23.42   179.42   249.10   243.73   238.88   236.27   230.29   230.22
 570.   235.10   203.76    91.02    25.77    28.40    23.00    22.77   178.50   242.71   242.24   241.05   241.34   233.73   229.34
 575.   232.80   204.90    87.50    26.42    29.88    23.25    22.27   177.35   241.05   240.85   237.80   236.90   229.63   232.92
 580.   232.19   205.34    49.68    26.17    29.75    23.47    22.80   176.72   245.61   237.27   234.63   237.00   230.83   236.00
 585.   231.58   202.34    78.66    25.77    29.60    23.13    22.72   176.05   237.56   232.95   233.35   233.22   229.35   231.55
 590.   233.32   202.02    88.50    25.63    28.15    22.70    22.72   175.42   236.07   232.19   228.83   233.42   229.92   232.10
 595.   228.58   203.20    55.88    25.67    28.27    22.95    22.63   175.30   235.24   231.95   228.95   231.02   230.70   230.88
 600.   230.50   214.75    91.33    25.27    28.70    22.97    22.67   174.90   242.19   228.85   229.02   227.85   226.97   226.50
 605.   229.65   200.07    96.62    25.65    28.77    23.02    22.67   173.97   236.12   230.80   229.00   230.54   231.65   228.27
 610.   227.88   202.49    79.12    26.00    29.13    23.32    22.80   173.45   231.49   230.83   228.07   233.13   227.20   227.38
 615.   225.75   198.13    52.78    25.80    28.92    23.45    22.52   172.00   232.29   227.88   231.13   229.45   226.02   225.07
 620.   221.60   201.83    34.83    25.72    28.50    23.55    22.85   171.70   231.88   230.82   227.32   228.05   223.50   222.65
 625.   224.97   195.02    64.36    25.92    28.55    22.97    22.77   171.55   232.95   226.07   222.40   221.70   219.00   217.25
 630.   219.40   184.05    57.15    26.15    28.60    22.82    22.55   170.87   227.40   222.22   218.25   220.30   219.27   223.40
 635.   219.02   185.95    73.46    26.70    26.80    22.95    23.32   170.22   227.75   222.20   219.70   220.67   215.45   218.37
 640.   214.90   195.85    93.43    26.20    28.70    22.90    23.10   169.60   224.10   218.15   216.52   218.08   215.42   217.22
 645.   213.95   196.57    86.38    25.65    28.15    22.63    22.57   168.88   219.65   216.07   215.35   218.00   213.55   213.77
 650.   205.44   178.95    78.05    25.70    28.90    22.92    22.47   168.00   220.52   217.17   214.97   207.34   202.95   201.39
 655.   203.51   194.57    59.83    25.77    28.32    22.92    22.52   167.27   215.57   213.97   207.80   207.90   202.22   200.63
 660.   203.27   186.55    46.00    25.75    28.57    22.97    22.63   166.57   218.42   208.19   205.00   204.34   200.85   200.24
 665.   203.10   187.47    64.38    25.65    28.57    22.77    22.52   165.77   207.12   202.85   200.10   202.76   201.47   201.40
 670.   202.50   175.00    40.22    25.55    29.07    23.07    22.50   165.10   205.15   199.83   202.62   199.39   199.80   200.02
 675.   203.02   186.87    32.56    25.52    27.38    23.13    22.52   165.00   204.61   201.52   200.13   202.45   199.90   203.25
 680.   201.88   191.45    77.58    25.42    27.97    23.22    22.20   164.90   200.93   198.42   199.57   202.00   200.77   199.15
 685.   196.75   177.57    58.09    25.52    28.10    22.47    22.25   164.22   198.30   194.97   192.32   193.42   194.80   197.17
 690.   196.52   183.77    55.15    25.35    27.22    22.60    22.38   163.55   199.97   195.97   193.97   193.65   193.07   196.40
 695.   194.75   177.70    76.95    25.30    26.85    22.57    22.57   162.57   198.97   190.47   189.22   187.77   187.92   191.92
 700.   189.52   171.67    77.49    25.25    27.45    23.02    22.35   161.95   198.25   193.72   193.00   193.45   190.80   194.30
 705.   186.47   177.60    73.24    25.25    27.67    23.37    22.32   160.95   190.15   186.65   186.40   185.12   185.02   189.42
 710.   183.47   173.57    83.76    25.27    28.60    23.35    23.05   159.82   180.90   176.92   173.77   176.32   180.07   185.47
 715.   184.72   170.32    52.41    25.10    27.55    23.27    22.52   159.05   181.52   179.77   178.75   180.05   180.45   182.70
 720.   178.92   174.17    96.43    25.15    27.07    23.35    22.15   158.05   180.65   177.62   177.07   176.02   177.12   175.67
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TIME       0       1       2       3       4       5       6       7       8       9      10      11      12      13
 725.  176.77  166.47   71.00   25.10   28.13   23.17   22.97  157.27  178.75  175.17  175.32  176.67  174.90  178.57
 730.  172.38  170.42   61.29   24.95   27.40   22.63   22.75  156.20  175.63  173.20  171.30  171.15  171.13  172.02
 735.  170.42  159.72   66.55   25.85   27.00   22.65   22.50  155.17  170.20  169.50  170.17  169.97  170.82  170.85
 740.  165.40  152.47   71.73   25.27   27.20   22.32   22.35  154.02  167.82  167.80  168.25  169.00  169.10  169.07
 745.  164.92  146.12   78.64   25.17   27.45   22.38   22.30  153.10  164.60  163.45  164.57  162.72  163.35  167.38
 750.  162.22  142.42   77.41   24.65   27.38   22.27   22.25  152.20  160.07  159.65  159.62  158.02  160.05  156.45
 755.  160.02  147.22   60.88   24.90   26.88   22.38   22.40  151.15  156.30  157.27  157.85  157.02  158.77  153.72
 760.  155.75  147.67   52.17   24.89   27.77   22.88   22.63  150.25  155.55  154.92  154.77  155.13  156.25  155.57
 765.  154.25  149.25   45.00   25.05   27.22   22.75   22.25  149.47  157.75  155.82  155.82  155.55  156.30  155.40
 770.  151.57  143.12   48.90   25.00   27.45   23.35   22.05  148.75  156.00  154.15  153.27  152.15  153.82  152.60
 775.  149.27  142.38   52.22   24.88   26.52   22.40   22.10  148.02  156.52  153.15  153.60  153.02  154.27  154.07
 780.  149.95  134.07   64.95   24.80   26.65   22.15   22.00  147.25  151.47  149.25  150.65  150.40  151.85  151.52
 785.  147.70  139.57   64.02   25.15   26.85   22.07   22.30  146.42  148.00  147.95  149.17  147.52  147.20  143.10
 790.  145.60  138.22   64.59   24.85   27.12   22.97   22.17  145.60  145.02  145.75  147.05  145.60  147.00  143.92
 795.  145.67  115.54   53.39   24.80   26.60   22.22   22.10  144.77  143.32  142.42  145.30  142.25  142.88  137.75
 800.  143.10  117.88   50.07   24.52   26.88   22.07   21.92  144.10  143.70  142.72  143.75  141.97  139.67  140.57
 805.  140.30  123.76   34.24   24.17   26.38   23.15   22.10  143.32  140.22  143.85  142.77  138.45  134.30  129.24
 810.  142.65  128.58   50.00   24.57   26.13   21.97   22.00  142.70  141.90  142.38  142.57  141.30  140.10  140.13
 815.  139.25  119.24   58.48   24.27   25.32   22.07   22.07  141.97  138.45  137.70  139.80  139.32  139.70  139.00
 820.  138.85  120.54   52.07   24.89   26.27   22.00   21.90  141.38  135.47  137.42  138.32  137.95  136.67  134.52
 825.  136.65  117.68   52.76   25.22   27.72   22.12   21.95  140.67  134.97  134.72  137.70  136.70  138.70  129.71
 830.  135.30  121.98   37.12   24.55   27.10   22.20   22.17  140.07  135.35  134.88  135.63  134.22  135.60  133.35
 835.  128.95  111.17   40.10   24.67   26.60   22.42   22.15  139.47  133.80  129.73  133.40  133.67  128.61  128.44
 840.  129.44  119.98   54.58   24.47   26.50   22.10   22.15  138.90  129.66  129.32  133.40  128.29  128.93  128.71
 845.  128.17  118.12   62.59   24.65   26.32   22.02   22.10  138.35  128.80  133.95  134.88  133.65  134.62  129.88
 850.  126.95  122.95   77.88   24.63   26.85   22.22   22.10  137.80  126.73  125.17  125.00  126.39  126.71  126.27
 855.  125.51  118.93   57.46   24.63   26.60   22.30   22.07  137.25  126.95  126.15  126.24  126.76  127.76  127.24
 860.  124.71  114.49   57.85   24.77   26.35   22.05   22.25  136.82  127.51  127.56  128.34  126.27  126.49  124.78
 865.  123.49  110.83   37.00   24.47   26.72   22.22   21.83  136.35  124.56  125.76  126.05  126.78  127.78  122.66
 870.  124.07  105.71   45.46   24.13   26.00   22.07   21.95  135.80  123.63  123.10  125.56  126.88  127.88  124.93
 875.  123.51  116.71   52.63   24.00   26.47   22.50   21.88  135.17  122.66  121.85  124.78  124.95  125.63  122.95
 880.  123.56  103.54   38.24   24.75   26.60   22.90   21.80  134.70  121.73  121.71  121.03  120.83  121.54  119.12
 885.  119.44  110.73   38.32   25.00   25.92   22.67   21.92  134.25  122.78  122.49  123.39  122.27  124.07  122.24
 890.  120.19  103.27   45.41   24.22   26.10   23.07   21.95  133.82  120.76  119.73  119.71  120.05  120.51  120.68
 895.  121.60  107.32   31.46   24.07   25.55   22.57   21.85  133.50  122.68  123.44  123.95  122.17  123.78  119.88
 900.  120.76  109.63   29.27   24.10   25.80   22.32   22.00  129.85  122.00  123.27  124.63  122.68  123.83  119.29
 905.  120.63  100.46   54.95   25.17   25.70   22.02   22.20  129.46  120.02  119.19  121.46  120.98  120.73  120.98
 910.  119.41  101.41   47.61   24.50   26.60   22.32   22.12  129.17  115.34  116.56  118.83  118.12  120.60  119.46
 915.  118.39  106.05   56.51   24.40   25.72   22.35   22.20  128.71  118.34  117.19  117.10  114.46  115.41  115.02
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TIME     14      15      16      17      18      19      20      21      22      23      24      25      26      27
  0.   23.42   23.45   23.30   23.15   23.07   22.97   22.67   22.60   21.47   22.95   24.10   22.42   22.40   22.20
  0.   23.47   23.47   23.37   23.17   23.07   22.95   22.80   22.63   21.55   23.00   24.13   22.47   22.38   22.25
  0.   23.52   23.52   23.45   23.25   23.10   22.97   22.75   22.65   21.52   23.05   24.10   22.52   22.45   22.30
  0.   23.50   23.52   23.45   23.25   23.05   22.95   22.75   22.55   21.52   23.02   24.10   22.30   22.40   22.30
  0.   23.57   23.45   23.45   23.27   23.10   22.97   22.75   22.63   21.52   23.00   24.10   22.40   22.38   22.32
  0.   23.52   23.55   23.37   23.20   23.07   22.97   22.67   22.55   21.50   22.97   24.10   22.35   22.32   22.27
  5.   26.88   27.32   24.17   23.72   23.63   23.63   22.90   22.75   21.42   23.37   24.85   22.47   22.50   22.27
 10.   29.85   29.35   26.85   24.35   23.95   24.02   23.17   22.92   21.38   23.63   25.27   22.63   22.65   22.30
 15.   32.61   30.39   27.05   24.47   24.17   24.22   23.22   22.92   21.42   23.87   25.70   22.60   22.52   22.32
 20.   36.63   34.71   28.90   25.70   24.55   24.27   23.20   22.97   21.42   24.17   26.42   22.63   22.65   22.42
 25.   39.12   36.27   30.29   26.47   25.13   24.50   23.37   23.07   21.45   24.57   27.32   22.65   22.57   22.42
 30.   42.32   39.80   32.24   27.35   25.45   24.80   23.65   23.30   21.38   24.90   27.97   22.65   22.63   22.42
 35.   44.07   42.39   35.15   29.13   26.32   25.50   24.10   23.60   21.40   25.42   29.10   22.77   22.75   22.45
 40.   52.54   47.05   37.44   29.98   27.65   25.82   24.25   23.80   21.42   26.30   29.76   22.92   22.95   22.47
 45.   67.71   57.37   41.73   32.00   28.60   26.70   24.45   23.85   21.47   27.38   31.49   23.15   23.10   22.57
 50.   79.44   62.43   43.56   35.41   30.73   29.17   25.92   24.82   21.47   29.32   33.02   23.55   23.42   22.63
 55.   94.55   66.48   47.98   35.39   32.56   29.78   26.17   25.32   21.55   30.80   35.12   24.02   25.02   22.90
 60.  104.83   82.95   48.85   36.61   33.63   31.37   27.72   25.60   21.63   33.17   38.24   24.77   24.67   23.20
 65.  110.66   90.57   49.56   38.61   35.32   31.10   27.67   26.07   21.67   35.39   41.78   25.25   25.40   23.50
 70.  121.44   91.55   49.66   40.24   37.76   33.41   28.47   27.17   21.70   37.37   44.93   25.63   25.57   23.85
 75.  148.37   96.71   51.24   39.90   40.22   36.76   29.98   27.12   21.67   40.66   48.98   25.90   25.72   24.00
 80.  162.88  104.83   58.24   41.41   41.37   36.39   30.83   28.60   21.88   44.73   51.12   27.50   27.27   24.30
 85.  170.42  139.32   58.02   43.02   44.61   36.56   30.22   29.29   21.95   48.10   56.78   29.15   29.00   24.95
 90.  189.72  169.20   57.17   45.02   45.78   38.27   31.56   30.02   21.95   52.02   59.50   28.27   28.75   25.38
 95.  199.07  176.10   65.69   49.32   52.98   42.44   33.02   30.05   22.07   55.49   63.88   28.72   28.95   25.90
100.  216.20  179.92   67.64   52.68   58.90   47.85   34.61   29.78   22.12   58.44   71.61   28.65   28.42   26.20
105.  221.57  187.38   78.79   54.24   62.57   51.34   34.02   29.80   22.15   62.00   76.29   28.92   28.63   26.25
110.  232.10  202.56   81.52   57.49   65.57   49.49   33.68   29.27   22.30   66.14   78.64   29.77   29.75   26.22
115.  235.85  203.17   83.95   58.21   57.66   51.44   36.95   31.17   22.25   74.73   83.29   29.54   29.85   26.52
120.  238.54  228.63   80.43   59.50   61.40   52.49   36.15   30.90   22.30   75.56   86.33   29.41   29.27   26.92
125.  249.63  218.95   78.48   64.05   69.73   52.29   38.37   33.41   22.27   79.83   92.09   29.88   30.05   27.27
130.  254.37  233.42   82.49   63.83   75.88   58.07   38.73   31.98   22.38   81.57   95.31   30.49   29.98   27.60
135.  254.49  234.44   85.79   64.29   70.27   59.36   36.12   31.98   22.40   78.88  101.54   31.71   31.19   27.80
140.  259.61  239.46   86.09   65.14   66.81   61.79   37.85   32.27   22.55   81.17  104.61   31.27   31.49   28.17
145.  262.37  250.15  111.17   69.63   76.37   58.59   39.27   32.51   22.57   85.48  107.56   32.66   32.51   28.40
150.  265.85  256.00  116.02   71.68   85.24   58.19   38.71   34.12   22.63   89.71  111.95   31.85   31.24   28.88
155.  276.68  257.12  112.22   76.56   91.69   56.95   38.88   33.88   22.55   91.48  113.95   33.10   32.80   29.30
160.  267.71  237.17  116.95   79.33   84.19   58.24   40.78   35.46   22.82   94.98  116.71   34.95   34.71   29.27
165.  277.61  238.15  138.85   78.57   81.36   59.74   41.17   36.44   22.80  102.19  122.41   36.32   35.44   29.93
170.  273.15  229.63  118.73   79.50   86.88   63.52   43.71   36.66   22.77  104.44  124.24   33.66   33.58   30.46
175.  275.05  257.85  125.90   84.90   89.02   60.81   43.54   35.85   22.65  105.85  126.68   33.27   33.39   30.85
180.  278.05  260.34  150.40   87.21   88.38   70.44   45.51   37.41   22.80  110.29  128.34   37.56   34.80   30.95
185.  271.44  261.85  118.80   81.45   75.68   64.07   46.44   37.00   23.05  109.80  134.95   36.98   36.27   31.49
190.  268.27  241.37  134.55   85.74   79.43   63.93   44.24   36.44   22.88  109.85  136.20   37.17   34.32   31.56
195.  269.27  258.88  117.76   78.66   80.45   62.62   42.37   36.95   23.02  104.44  138.77   37.39   38.02   31.71
200.  265.19  242.15  111.44   85.90   78.85   63.93   44.85   36.71   22.92  103.85  139.88   35.51   34.93   31.90
205.  270.29  247.85  113.22   88.12   78.98   64.40   43.32   36.39   22.88  102.58  141.27   36.15   34.54   32.05
210.  288.51  269.63  119.10   87.88   83.48   69.54   45.27   37.58   23.00  106.19  143.55   36.12   34.66   32.10
215.  263.05  249.29  120.29   92.64   77.49   65.67   45.63   37.71   23.17  110.27  144.40   36.34   36.98   32.24
220.  279.19  256.83  121.39   86.93   85.38   66.81   44.85   38.44   23.10  110.68  145.25   30.00   36.90   32.24
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TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
225.	264.68	243.19	125.73	86.83	76.51	67.74	45.76	38.44	23.15	108.44	145.72	38.85	37.15	32.46
230.	270.88	245.66	120.29	91.07	74.58	66.26	45.61	38.73	23.27	110.80	147.47	41.61	39.46	32.68
235.	270.37	237.73	120.41	90.24	86.33	62.00	43.98	38.27	23.20	107.80	149.50	36.29	36.07	33.07
240.	276.66	249.32	128.85	88.81	90.33	70.24	45.93	38.83	23.42	112.78	149.22	41.71	40.24	33.27
245.	269.95	236.02	136.02	88.62	81.00	65.74	46.54	39.17	23.35	108.71	150.63	40.37	39.49	33.56
250.	254.90	235.66	134.40	89.64	86.05	65.24	46.93	40.02	23.52	107.17	151.57	37.85	38.61	34.00
255.	269.10	257.51	164.42	93.12	89.09	66.88	45.76	39.00	23.32	111.73	151.75	38.54	36.61	34.02
260.	247.10	249.88	138.52	97.33	90.36	66.62	47.78	40.56	23.32	113.24	153.05	40.10	38.46	34.10
265.	260.10	242.88	128.02	92.09	83.90	75.49	44.49	38.41	23.27	110.63	154.60	38.05	36.39	34.10
270.	260.32	242.54	119.41	88.09	82.12	71.15	44.17	38.98	23.52	109.80	155.82	40.41	39.05	34.22
275.	269.10	237.24	115.73	85.40	78.85	66.07	52.10	43.66	23.67	109.02	156.32	42.27	40.22	34.58
280.	262.46	244.37	122.24	85.83	80.55	74.68	47.63	40.76	23.35	111.68	158.02	36.76	36.90	34.34
285.	246.73	223.17	125.24	92.88	78.90	73.32	46.85	40.07	23.42	107.41	157.35	37.39	36.63	34.22
290.	253.05	232.56	149.55	93.05	82.26	64.79	47.51	41.17	23.42	110.78	157.97	36.93	37.17	34.41
295.	270.56	241.34	135.72	94.19	96.55	64.26	47.10	41.49	23.63	108.56	157.67	39.22	38.76	34.61
300.	266.78	246.51	134.15	96.12	82.74	72.15	49.19	41.93	23.85	110.56	158.45	41.22	40.54	34.83
305.	254.17	239.24	152.32	96.81	92.64	65.24	45.63	41.00	23.97	113.63	159.30	41.29	40.00	35.37
310.	252.68	229.61	147.95	90.24	89.19	67.29	47.63	41.34	23.95	113.80	159.32	44.34	40.73	35.83
315.	254.71	231.76	139.60	93.62	87.45	73.54	49.95	41.78	24.00	118.17	160.15	42.63	39.27	36.02
320.	251.29	244.93	129.12	96.86	81.29	72.41	49.27	40.63	23.95	109.15	160.32	43.78	41.27	36.10
325.	267.17	246.66	143.05	102.19	86.55	66.81	47.32	41.15	24.07	107.71	161.32	44.17	41.32	36.24
330.	255.95	233.22	168.97	104.41	102.63	67.38	47.15	40.39	24.02	109.73	162.47	45.61	40.93	36.51
335.	247.66	232.29	145.55	108.39	95.52	70.27	47.61	42.10	24.17	110.85	163.13	42.27	41.80	36.93
340.	259.51	246.76	179.50	108.51	90.69	71.32	50.32	44.12	24.17	116.66	163.60	44.34	43.95	37.15
345.	256.32	248.32	170.57	106.05	92.93	74.49	50.95	43.24	24.32	115.49	164.30	43.37	41.49	37.58
350.	249.73	232.37	153.10	111.83	82.31	74.93	49.83	42.46	24.42	116.19	166.15	43.41	41.80	37.88
355.	263.88	241.24	167.72	103.71	86.98	76.44	48.93	42.61	24.20	117.58	166.10	40.32	40.27	37.93
360.	260.95	249.71	170.82	109.05	86.95	75.85	50.63	43.85	24.38	115.15	167.13	45.98	43.05	37.93
365.	252.29	236.93	155.35	110.32	93.26	76.51	48.93	43.49	24.40	118.29	168.57	42.98	40.24	38.15
370.	266.00	241.19	153.02	114.83	96.07	73.29	49.34	42.88	24.52	116.29	169.47	45.27	43.34	38.24
375.	250.39	236.24	167.47	114.46	89.76	72.71	51.02	42.29	24.75	119.61	169.70	45.27	42.88	38.51
380.	237.44	228.37	168.20	128.85	95.76	79.69	49.46	42.05	24.72	119.22	171.70	46.46	43.71	38.54
385.	254.19	243.00	185.12	136.07	103.73	73.17	47.78	41.95	24.82	116.07	172.07	45.51	43.61	38.65
390.	260.02	237.90	167.92	126.34	101.78	77.00	48.46	43.44	24.85	112.27	173.97	45.58	42.73	39.07
395.	252.66	235.85	171.30	120.02	95.69	72.61	48.85	42.29	25.02	115.78	173.65	45.93	43.24	39.05
400.	264.34	239.34	171.82	121.51	97.02	75.19	50.76	43.10	25.07	119.29	174.55	48.00	45.27	38.90
405.	261.39	243.10	191.95	120.58	101.73	78.88	52.85	43.58	25.10	118.90	175.65	46.39	43.17	39.12
410.	250.66	233.19	196.67	118.88	96.74	78.37	51.68	43.44	25.38	119.00	175.38	47.41	46.22	39.46
415.	256.27	231.30	174.45	122.10	90.69	77.41	52.68	45.51	25.22	122.07	175.77	45.71	45.22	39.95
420.	262.15	246.71	186.13	118.15	96.50	78.12	53.51	44.78	25.15	125.49	176.00	45.17	43.02	39.88
425.	262.05	249.34	163.67	116.68	101.76	76.41	53.68	47.32	25.38	126.68	177.85	45.29	43.90	39.95
430.	251.80	231.50	163.13	123.39	103.83	78.58	52.85	45.15	25.25	123.73	178.17	42.85	42.00	40.12
435.	245.56	230.07	176.80	128.41	104.73	82.43	55.27	44.32	25.30	124.66	178.52	46.66	44.10	39.90
440.	255.71	245.07	176.97	124.17	85.95	75.27	53.17	45.95	25.52	122.93	178.55	46.80	46.66	40.15
445.	255.51	232.29	171.25	119.07	103.78	73.54	52.56	45.10	25.63	122.66	179.13	45.93	45.76	40.41
450.	258.46	239.54	156.77	119.17	96.17	78.14	54.76	46.22	25.63	126.46	179.37	47.27	44.41	40.02
455.	251.98	228.90	163.15	125.44	105.61	78.59	51.30	42.73	25.35	121.78	180.02	43.56	41.83	39.73
460.	256.68	238.34	156.65	129.73	96.59	79.43	52.56	44.56	25.55	119.00	180.75	43.05	42.83	39.54
465.	252.95	241.05	149.75	118.49	92.69	76.78	53.15	45.66	25.70	122.34	180.75	47.54	44.54	39.49
470.	242.29	229.80	152.60	122.95	100.73	77.78	51.05	41.90	25.80	120.17	180.55	44.19	42.61	39.70

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TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
 475.   256.02   236.07   159.17   123.22    92.19    75.85    55.51    46.08    25.85   124.71   180.25    46.44    44.80    39.98
 480.   252.98   229.12   159.25   122.07    93.59    75.34    52.51    45.78    26.10   125.41   180.85    47.80    45.02    40.61
 485.   249.10   232.49   153.20   123.32   107.27    76.24    51.27    45.22    25.85   120.56   181.05    45.51    43.73    40.51
 490.   246.29   232.63   171.27   127.93   101.80    78.24    56.51    46.34    26.05   124.37   181.05    48.02    47.73    40.32
 495.   243.39   232.57   174.45   129.39    94.29    74.66    55.44    46.34    26.00   125.44   181.05    46.66    44.68    40.63
 500.   252.68   233.19   164.95   122.89    85.64    74.32    52.02    44.95    26.25   120.08   180.17    46.63    43.41    41.12
 505.   238.41   226.75   172.40   129.24    95.76    75.63    53.07    44.41    26.32   121.88   180.20    46.03    45.76    41.27
 510.   242.68   226.17   177.88   125.58   100.12    76.22    51.39    44.73    26.27   116.98   179.70    44.90    44.71    40.93
 515.   242.76   228.68   175.80   123.54    90.19    76.22    50.00    45.07    26.13   114.37   180.25    47.02    43.71    40.24
 520.   240.46   227.05   174.32   124.85    89.59    76.10    53.10    44.61    26.35   112.19   179.42    44.24    42.66    40.15
 525.   249.17   223.65   166.07   119.46    90.45    70.00    59.24    45.27    26.38   113.34   179.50    47.61    46.41    40.15
 530.   239.93   229.70   154.15   119.66   104.02    73.55    52.46    48.54    26.55   118.73   177.90    52.63    49.27    40.56
 535.   238.39   223.17   150.52   112.32   101.73    75.34    56.29    46.44    26.47   122.34   178.13    46.73    42.37    40.98
 540.   252.54   243.88   162.57   111.37    93.62    77.59    56.68    45.61    26.38   123.71   177.60    44.10    42.37    40.76
 545.   251.32   244.19   164.72   104.66    80.31    78.19    56.93    47.68    26.72   119.24   176.57    47.54    45.80    40.63
 550.   237.63   231.52   151.52   118.71    91.85    81.79    54.76    46.51    26.50   118.29   176.40    47.15    43.39    40.39
 555.   229.15   220.85   142.75   118.93    89.80    77.67    56.63    46.90    26.92   117.80   176.22    52.24    49.73    40.34
 560.   236.49   214.15   144.85   116.12    78.57    76.34    54.32    45.90    26.70   116.71   175.22    43.24    41.72    40.49
 565.   231.60   203.15   138.55   113.95    91.69    74.00    54.44    45.73    26.75   113.98   174.65    45.73    42.83    40.07
 570.   229.00   220.85   135.52   111.98    86.57    74.39    53.76    47.15    27.00   112.39   173.75    44.71    42.76    39.85
 575.   222.25   207.54   142.10   115.78    90.31    73.10    54.29    46.07    26.90   115.78   172.97    41.76    41.54    39.98
 580.   218.37   213.57   138.02   116.95    94.98    67.35    52.73    43.95    27.27   116.56   172.25    49.50    43.08    39.93
 585.   227.22   216.32   163.17   116.41    95.74    67.02    53.90    45.07    27.45   116.76   171.65    46.37    44.88    40.32
 590.   220.47   214.55   162.02   120.80    95.98    74.34    51.95    45.02    27.30   117.05   171.67    47.44    45.58    40.78
 595.   228.80   217.05   162.80   119.10    96.83    75.83    53.58    40.77    27.30   114.90   171.15    45.19    43.00    40.80
 600.   229.07   216.63   154.70   120.51    88.71    77.93    52.56    46.93    27.35   113.56   170.87    49.19    44.73    40.80
 605.   219.47   205.27   145.92   117.54    95.55    67.21    51.39    45.44    27.47   110.90   169.62    49.17    45.00    40.83
 610.   217.38   200.24   154.50   122.76    83.33    74.12    53.02    45.61    27.38   115.73   169.45    46.08    42.63    41.07
 615.   220.52   202.24   153.52   121.12    89.52    73.24    48.10    43. 0    27.63   110.98   169.25    46.00    43.05    41.05
 620.   217.92   202.88   162.27   116.85    83.74    67.67    51.34    44.90    27.70   110.37   168.50    46.80    44.80    41.07
 625.   206.39   202.37   170.97   117.22    86.49    73.63    52.98    45.44    27.42   110.34   167.75    42.29    41.19    40.93
 630.   220.05   206.68   153.82   121.44    83.09    78.29    53.17    44.02    27.55   109.15   167.55    43.88    41.68    40.66
 635.   216.02   205.02   139.07   112.05    83.26    66.64    49.51    46.17    27.80   107.00   166.57    45.80    45.70    40.49
 640.   217.97   204.54   154.20   114.15    83.36    67.43    49.73    44.49    28.00   107.46   165.77    45.49    43.78    41.24
 645.   199.98   189.32   150.22   112.12    86.62    71.19    49.44    44.78    27.82   106.95   164.97    46.17    43.85    41.02
 650.   200.97   192.15   155.95   109.73    84.67    70.49    52.98    45.68    28.05   110.73   164.10    45.80    45.93    41.10
 655.   192.47   184.20   160.92   112.27    79.86    64.02    48.51    45.63    28.07   106.19   163.72    49.98    41.07    40.90
 660.   197.10   188.15   152.25   110.76    82.90    73.85    51.98    44.41    27.97   105.63   162.52    41.90    41.12    40.78
 665.   199.05   198.02   152.70   115.10    81.29    75.12    52.32    44.02    28.05   101.02   161.72    42.39    41.17    40.41
 670.   195.70   189.62   159.90   138.10    93.67    72.37    55.93    45.49    28.27   106.78   160.97    45.22    45.73    40.32
 675.   203.20   197.70   163.32   120.71   101.54    76.37    57.10    51.68    28.70   105.12   160.40    47.85    49.15    41.02
 680.   200.49   199.63   169.32   117.90    89.38    76.83    59.88    52.02    28.47   106.22   159.62    46.93    44.61    41.63
 685.   198.88   196.72   151.15   123.61    92.90    78.45    59.12    54.37    28.92   106.05   159.20    52.66    53.54    42.24
 690.   196.35   191.90   154.22   117.02    81.38    78.41    62.00    55.73    28.85   104.27   158.30    53.19    51.46    42.41
 695.   192.70   193.05   162.67   109.27    84.62    74.02    59.05    55.63    29.05   102.22   157.47    48.34    49.93    43.00
 700.   192.72   185.07   148.92   108.17    86.89    76.29    57.71    49.76    28.55    97.12   156.77    44.07    43.80    42.85
 705.   190.42   183.82   144.72   113.24    79.59    71.78    55.76    50.45    28.72    96.05   155.95    55.19    47.15    41.83
 710.   186.50   184.55   151.25   120.90    85.79    67.69    55.71    50.05    28.70    96.05   154.67    40.46    49.80    42.05
 715.   182.20   182.75   158.60   111.19    77.93    67.24    56.45    51.68    28.80    96.02   153.65    46.07    45.27    41.71
 720.   177.42   175.10   140.85   117.61    79.24    67.43    57.34    51.85    28.92   109.61   152.60    45.83    45.37    42.29
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TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
725.	170.77	176.40	134.05	108.93	80.59	67.86	56.98	54.00	29.00	94.09	151.90	44.19	45.76	42.44
730.	172.38	165.25	139.65	97.07	72.83	73.37	56.80	51.54	28.97	95.40	150.77	43.58	43.85	42.44
735.	169.65	168.72	139.72	109.02	80.55	70.19	57.37	52.71	29.10	96.43	149.67	46.63	45.29	42.07
740.	168.37	164.55	124.15	103.83	86.33	64.36	56.12	49.51	28.88	95.43	148.75	40.90	43.34	41.88
745.	165.52	154.52	134.57	115.32	86.09	63.79	56.27	51.00	29.10	93.09	147.90	44.95	43.88	42.15
750.	158.65	154.02	123.44	112.78	80.26	70.49	55.34	47.88	29.27	91.17	146.90	46.85	45.46	41.95
755.	152.38	157.57	126.46	114.93	89.88	71.24	55.90	48.05	29.38	87.93	145.77	45.58	44.45	42.22
760.	155.05	155.75	133.82	113.34	82.29	63.71	53.93	49.93	29.47	88.88	144.82	43.22	43.17	42.00
765.	153.97	151.80	127.22	100.15	70.24	64.55	53.78	49.44	29.42	88.48	144.12	40.49	43.95	42.17
770.	152.38	151.47	127.34	110.02	79.45	62.74	53.46	47.07	29.60	88.07	143.15	44.90	42.49	42.49
775.	152.70	152.55	125.00	103.63	78.90	67.86	54.12	47.34	29.57	86.38	142.47	47.12	45.07	42.34
780.	150.27	148.63	125.02	110.90	73.58	59.69	50.90	46.76	29.70	85.90	141.80	43.27	42.76	42.07
785.	144.52	145.57	120.05	108.54	82.52	64.57	50.68	44.07	29.27	86.05	140.85	39.46	39.15	41.22
790.	135.92	135.72	122.76	104.44	81.19	65.62	52.93	45.93	29.50	85.02	140.13	42.73	43.34	40.44
795.	134.27	136.02	117.07	104.71	80.64	60.90	49.07	45.22	29.47	84.67	139.40	41.39	42.66	40.00
800.	138.70	136.07	122.41	108.05	79.57	60.02	48.32	43.95	29.55	82.69	138.50	41.19	40.68	39.83
805.	129.10	133.62	128.27	107.02	79.19	64.48	52.54	47.88	29.70	82.62	137.82	43.05	44.07	39.73
810.	138.20	135.80	120.78	105.83	78.26	59.31	50.07	44.68	29.70	80.43	137.25	39.73	38.83	39.44
815.	129.54	138.47	111.78	103.22	81.05	64.12	50.34	44.00	29.67	80.67	136.55	39.46	40.00	38.93
820.	125.93	125.88	114.19	100.19	83.83	61.69	49.61	43.44	29.55	78.90	135.02	37.85	37.78	38.39
825.	120.56	121.90	115.54	102.10	75.49	58.24	46.73	42.90	29.67	79.62	135.20	44.19	39.07	37.68
830.	129.34	129.83	109.66	91.26	73.19	60.67	47.71	45.02	29.37	79.55	134.60	45.80	40.63	37.73
835.	128.34	129.32	110.17	90.09	78.27	58.71	47.95	42.22	29.95	79.71	134.07	38.51	38.63	37.66
840.	128.07	128.39	105.95	88.90	72.51	58.73	47.27	41.63	29.77	80.71	133.45	38.61	38.89	37.32
845.	128.12	126.05	97.55	89.12	71.17	59.76	47.73	44.63	29.27	80.74	129.66	41.29	41.02	37.51
850.	125.00	125.61	96.71	93.09	67.86	60.26	47.17	41.61	29.97	79.40	129.22	38.08	39.05	37.39
855.	125.19	120.88	96.48	86.24	66.09	59.93	46.88	42.12	29.46	78.40	128.69	39.78	39.95	37.66
860.	124.34	121.98	100.39	88.62	66.93	61.69	47.10	43.02	29.37	77.90	128.07	41.15	39.15	37.73
865.	122.93	123.05	105.27	91.40	72.63	60.07	46.00	41.39	29.61	78.61	127.58	41.66	39.24	38.10
870.	122.73	120.85	108.05	92.83	77.34	59.83	47.00	42.44	29.49	78.76	127.10	40.83	40.29	37.93
875.	121.71	120.15	105.56	90.33	73.63	57.53	46.68	42.46	29.66	77.51	126.51	40.05	39.49	37.63
880.	117.24	120.29	95.14	88.95	76.34	52.88	46.07	41.29	29.54	76.58	126.10	41.76	38.12	36.98
885.	120.02	117.12	94.69	83.29	71.22	58.63	46.32	41.90	29.58	77.24	125.66	39.39	38.93	36.71
890.	120.58	119.68	94.95	79.95	71.15	55.37	47.58	42.37	29.61	77.24	125.12	36.76	36.73	36.73
895.	119.19	115.95	95.81	79.93	75.19	62.67	46.56	41.83	29.56	76.51	124.76	37.46	37.17	36.19
900.	117.78	117.02	93.52	77.61	71.98	58.59	47.39	42.05	29.95	75.24	124.46	41.27	41.37	36.15
905.	119.63	115.90	95.21	78.14	71.02	57.29	46.44	41.32	29.66	75.32	124.12	37.17	36.46	36.12
910.	114.80	112.12	96.76	81.93	73.34	54.61	45.95	41.66	29.68	76.02	123.78	36.63	36.61	35.90
915.	112.19	111.10	100.27	86.09	69.63	50.19	47.56	43.61	29.83	75.73	123.39	37.93	37.61	35.90

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TIME      28       29       30       31        32       33       34       35      36      37      38      39      40      41
  0.    22.85    22.82    19.41  6987.47    -0.09    -0.03    -0.00     0.19    0.00    0.00    0.00    0.00   21.00   -0.45
  0.    22.85    22.85    29.63  6975.93     0.00    -0.03    -0.00     0.20    0.00    0.00    0.00    0.00   20.99   -0.57
  0.    22.90    22.92    40.10  6984.59    -0.00    -0.03    -0.00     0.23    0.00    0.00    0.00    0.00   20.99    0.06
  0.    22.88    22.90    50.35  6990.35    -0.00    -0.03    -0.00     0.22    0.00    0.00    0.00    0.00   20.99   -0.49
  0.    22.88    22.82    59.61  6993.23     0.00    -0.03    -0.00     0.12    0.00    0.00    0.00    0.00   20.98    2.05
  0.    22.82    22.80    69.86  6996.12    -0.00    -0.03    -0.00     0.09    0.00    0.00    0.00    0.00   20.97   -0.61
  5.    23.47    23.32    10.14  7016.32    -0.00     0.03     0.02     4.41    0.00    0.00    0.00    0.00   20.74    0.89
 10.    23.70    23.63    19.41  7019.20    -0.00     0.03     0.02     0.49    0.00    0.00    0.00    0.00   20.73    0.60
 15.    23.75    23.72    29.64  7019.20     0.00     0.04     0.03     0.25    0.00    0.00    0.00    0.00   20.63    0.96
 20.    24.67    24.07    40.11  7016.32     0.00     0.05     0.04     0.11    0.00    0.00    0.00    0.00   20.53    0.65
 25.    24.20    24.17    50.35  7004.70     0.01     0.06     0.05    -0.13    0.00    0.00    0.00    0.00   20.45    1.85
 30.    24.75    24.67    59.63  6984.59     0.01     0.07     0.07    -0.27    0.00    0.00    0.00    0.00   20.37    1.11
 35.    25.80    25.30    69.86  6981.70     0.02     0.07     0.08    -0.26    0.00    0.00    0.00    0.00   20.27    2.69
 40.    26.60    26.38    10.13  6973.04     0.02     0.04     0.11     1.33    0.00    0.00    0.00    0.00   20.19    2.48
 45.    27.45    27.10    19.41  6947.07     0.04     0.05     0.15     1.06    0.00    0.00    0.00    0.00   20.10    2.11
 50.    29.65    28.80    29.65  6921.11     0.05     0.13     0.17     0.28    0.00    0.00    0.00    0.00   19.97    3.16
 55.    31.12    29.88    40.11  6892.27     0.07     0.15     0.19    -0.30    0.00    0.00    0.00    0.00   19.84    2.52
 60.    31.49    30.24    50.36  6863.42     0.08     0.19     0.21    -0.37    0.00    0.00    0.00    0.00   19.69    4.55
 65.    32.56    31.83    59.63  6846.10     0.10     0.24     0.28    -0.43    0.00    0.00    0.00    0.00   19.50    4.30
 70.    32.63    33.29    69.86  6817.25     0.11     0.26     0.33    -0.41    0.00    0.00    0.00    0.00   19.27    3.23
 75.    33.95    33.49    10.13  6785.52     0.13     0.28     0.35     2.24    0.00    0.00    0.00    0.00   19.04    3.84
 80.    34.51    33.29    19.40  6765.32     0.14     0.30     0.38     1.72    0.00    0.00    0.00    0.00   18.78    5.68
 85.    34.51    34.15    29.63  6716.28     0.17     0.34     0.44     0.34    0.00    0.00    0.00    0.00   18.55    4.65
 90.    35.85    35.80    40.11  6661.46     0.20     0.39     0.46    -0.35    0.00    0.00    0.00    0.00   18.33    6.45
 95.    39.95    40.17    50.33  6618.19     0.22     0.42     0.57    -0.43    0.00    0.00    0.00    0.00   17.99    6.35
100.    42.32    41.71    59.61  6577.80     0.25     0.46     0.62    -0.56    0.00    0.00    0.00    0.00   17.76    7.54
105.    42.93    42.71    69.86  6514.33     0.27     0.50     0.69    -0.58    0.00    0.00    0.00    0.00   17.51    6.77
110.    44.93    45.17    10.13  6494.14     0.28     0.52     0.73     3.09    0.00    0.00    0.00    0.00   17.22    7.69
115.    41.34    42.29    19.41  6407.59     0.30     0.56     0.74     2.19    0.00    0.00    0.00    0.00   16.96    7.24
120.    47.95    45.27    29.65  6335.46     0.30     0.58     0.75     0.42    0.00    0.00    0.00    0.00   16.76    5.56
125.    46.00    47.22    40.12  6274.88     0.34     0.60     0.83    -0.43    0.00    0.00    0.00    0.00   16.64    9.69
130.    48.61    48.12    50.36  6208.52     0.36     0.62     0.85    -0.52    0.00    0.00    0.00    0.00   16.49    7.70
135.    48.54    49.56    59.63  6121.97     0.37     0.64     0.91    -0.60    0.00    0.00    0.00    0.00   16.50    8.42
140.    48.37    48.39    69.86  6061.30     0.38     0.64     0.87    -0.59    0.00    0.00    0.00    0.00   16.40    9.45
145.    50.71    50.63    10.13  6032.53     0.40     0.65     0.89     3.34    0.00    0.00    0.00    0.00   16.35    8.42
150.    56.05    55.63    19.40  5960.41     0.41     0.67     0.84     2.51    0.00    0.00    0.00    0.00   16.21   10.64
155.    56.95    56.00    29.64  5979.63     0.41     0.67     0.87     0.59    0.00    0.00    0.00    0.00   16.15    7.95
160.    53.44    54.34    40.10  5804.62     0.41     0.68     0.85    -0.42    0.00    0.00    0.00    0.00   15.90    9.89
165.    54.00    53.49    50.34  5718.07     0.44     0.69     0.90    -0.59    0.00    0.00    0.00    0.00   16.03    9.53
170.    57.39    59.22    59.62  5680.56     0.44     0.71     0.92    -0.65    0.00    0.00    0.00    0.00   16.00   10.77
175.    61.55    63.12    69.86  5611.32     0.46     0.72     0.98    -0.63    0.00    0.00    0.00    0.00   15.91    6.46
180.    58.43    59.38    10.13  5524.77     0.44     0.71     0.92     3.44    0.00    0.00    0.00    0.00   16.09    7.48
185.    51.98    55.68    19.41  5487.27     0.44     0.69     0.95     2.67    0.00    0.00    0.00    0.00   15.98    6.33
190.    56.95    58.66    29.65  5403.60     0.44     0.69     0.91     0.42    0.00    0.00    0.00    0.00   16.00    6.46
195.    58.32    58.33    40.12  5343.02     0.44     0.67     0.86    -0.45    0.00    0.00    0.00    0.00   16.17    8.76
200.    59.83    59.95    50.35  5282.43     0.45     0.68     0.91    -0.55    0.00    0.00    0.00    0.00   16.27   10.26
205.    59.67    60.86    59.63  5216.08     0.44     0.68     0.92    -0.70    0.00    0.00    0.00    0.00   16.30    8.60
210.    57.39    58.98    69.86  5146.84     0.44     0.66     0.87    -0.64    0.00    0.00    0.00    0.00   16.36    7.35
215.    54.12    58.68    10.13  5071.83     0.45     0.66     0.90     3.40    0.00    0.00    0.00    0.00   16.39    8.24
220.    58.86    58.05    19.41  5031.44     0.45     0.65     0.89     2.63    0.00    0.00    0.00    0.00   16.42    7.91
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TIME     28      29      30      31        32      33      34      35      36      37      38      39      40      41
 225.  56.71   58.19   29.64  4939.12    0.45    0.65    0.81    0.51    0.00    0.00    0.00    0.00   16.45    9.39
 230.  59.07   58.79   40.10  4904.50    0.44    0.65    0.83   -0.51    0.00    0.00    0.00    0.00   16.31    7.50
 235.  60.36   66.33   50.35  4826.60    0.44    0.64    0.81   -0.63    0.00    0.00    0.00    0.00   16.43    7.41
 240.  58.24   61.40   59.63  4783.32    0.44    0.64    0.84   -0.75    0.00    0.00    0.00    0.00   16.46    8.04
 245.  59.57   59.19   69.86  4722.74    0.43    0.62    0.78   -0.68    0.00    0.00    0.00    0.00   16.47    7.84
 250.  61.90   60.62   10.13  4673.70    0.43    0.61    0.84    3.31    0.00    0.00    0.00    0.00   16.61    7.77
 255.  60.50   60.17   19.41  4613.11    0.44    0.61    0.80    2.63    0.00    0.00    0.00    0.00   16.70    8.38
 260.  64.17   61.33   29.65  4526.56    0.45    0.62    0.83    0.44    0.00    0.00    0.00    0.00   16.77    6.99
 265.  58.95   58.21   40.11  4474.64    0.45    0.62    0.83   -0.46    0.00    0.00    0.00    0.00   16.77    6.18
 270.  59.71   59.31   50.35  4416.93    0.44    0.61    0.80   -0.57    0.00    0.00    0.00    0.00   16.83    9.81
 275.  59.24   59.10   59.62  4370.77    0.44    0.61    0.83   -0.74    0.00    0.00    0.00    0.00   16.79    7.14
 280.  60.07   60.98   69.87  4313.07    0.43    0.59    0.72   -0.71    0.00    0.00    0.00    0.00   16.62    6.81
 285.  64.02   61.83   10.14  4261.14    0.43    0.58    0.78    3.31    0.00    0.00    0.00    0.00   16.76    7.79
 290.  61.31   63.02   19.41  4186.14    0.44    0.57    0.79    2.59    0.00    0.00    0.00    0.00   16.65    9.16
 295.  66.62   67.07   29.65  4148.63    0.43    0.58    0.78    0.78    0.00    0.00    0.00    0.00   16.91    7.70
 300.  58.07   59.71   40.12  4082.27    0.43    0.58    0.78   -0.52    0.00    0.00    0.00    0.00   16.90    8.68
 305.  62.93   61.55   50.36  4030.35    0.45    0.58    0.78   -0.67    0.00    0.00    0.00    0.00   16.91    7.52
 310.  59.24   61.88   59.63  3987.07    0.44    0.57    0.77   -0.74    0.00    0.00    0.00    0.00   16.93    6.95
 315.  55.39   58.90   69.87  3912.06    0.45    0.58    0.81   -0.74    0.00    0.00    0.00    0.00   16.95    6.76
 320.  57.90   60.07   10.13  3863.01    0.44    0.57    0.73    3.33    0.00    0.00    0.00    0.00   17.04    6.64
 325.  62.02   66.12   19.41  3813.97    0.44    0.55    0.76    2.53    0.00    0.00    0.00    0.00   16.91    7.41
 330.  72.12   71.51   29.64  3756.27    0.44    0.55    0.70    0.54    0.00    0.00    0.00    0.00   16.97    8.08
 335.  75.27   74.83   40.10  3710.11    0.44    0.56    0.76   -0.54    0.00    0.00    0.00    0.00   17.05    7.12
 340.  67.02   70.07   50.34  3649.53    0.45    0.56    0.78   -0.64    0.00    0.00    0.00    0.00   17.01    7.05
 345.  60.62   64.55   59.62  3612.02    0.46    0.55    0.73   -0.78    0.00    0.00    0.00    0.00   16.90    9.53
 350.  58.95   61.98   69.86  3539.90    0.46    0.57    0.82   -0.78    0.00    0.00    0.00    0.00   17.00    7.49
 355.  64.21   63.43   10.13  3493.74    0.47    0.57    0.83    3.38    0.00    0.00    0.00    0.00   17.01    6.29
 360.  63.40   65.17   19.41  3421.61    0.47    0.56    0.79    2.66    0.00    0.00    0.00    0.00   16.98    8.18
 365.  66.36   70.12   29.65  3372.57    0.46    0.56    0.82    0.58    0.00    0.00    0.00    0.00   16.99    7.44
 370.  78.34   72.83   40.12  3332.18    0.46    0.57    0.76   -0.53    0.00    0.00    0.00    0.00   17.07    6.43
 375.  66.95   66.50   50.36  3268.71    0.46    0.55    0.78   -0.67    0.00    0.00    0.00    0.00   17.09    6.86
 380.  72.34   75.05   59.63  3199.47    0.47    0.56    0.81   -0.84    0.00    0.00    0.00    0.00   17.01    6.76
 385.  73.49   78.17   69.88  3156.19    0.47    0.56    0.78   -0.82    0.00    0.00    0.00    0.00   17.01    8.87
 390.  78.66   75.02   10.14  3110.03    0.47    0.55    0.78    3.42    0.00    0.00    0.00    0.00   17.00    9.53
 395.  82.62   76.15   19.42  3049.45    0.47    0.56    0.79    2.63    0.00    0.00    0.00    0.00   17.04    5.93
 400.  71.29   76.68   29.66  3014.82    0.47    0.57    0.80    0.67    0.00    0.00    0.00    0.00   17.03    6.50
 405.  67.33   79.43   40.12  2942.70    0.48    0.57    0.79   -0.65    0.00    0.00    0.00    0.00   17.01    7.69
 410.  67.02   70.44   50.36  2893.66    0.47    0.56    0.78   -0.73    0.00    0.00    0.00    0.00   17.04    7.30
 415.  79.29   71.90   59.63  2847.50    0.47    0.54    0.77   -0.86    0.00    0.00    0.00    0.00   17.02    6.97
 420.  74.98   74.68   69.87  2798.45    0.48    0.55    0.79   -0.80    0.00    0.00    0.00    0.00   17.09    7.28
 425.  73.85   71.68   10.14  2749.40    0.47    0.55    0.76    3.30    0.00    0.00    0.00    0.00   17.13    7.41
 430.  92.95   84.81   19.41  2709.01    0.48    0.55    0.76    2.70    0.00    0.00    0.00    0.00   17.12    6.75
 435.  77.07   79.17   29.65  2642.66    0.48    0.55    0.77    0.90    0.00    0.00    0.00    0.00   16.99    7.73
 440.  69.95   69.90   40.11  2599.38    0.47    0.55    0.78   -0.48    0.00    0.00    0.00    0.00   17.06    6.88
 445.  78.19   77.81   50.35  2550.34    0.47    0.55    0.76   -0.74    0.00    0.00    0.00    0.00   17.06    8.22
 450.  72.51   75.41   59.63  2518.60    0.48    0.54    0.71   -0.76    0.00    0.00    0.00    0.00   16.99    8.34
 455.  79.05   85.31   69.87  2469.56    0.47    0.55    0.75   -0.76    0.00    0.00    0.00    0.00   17.14    7.73
 460.  70.85   78.66   10.14  2423.40    0.48    0.54    0.78    3.36    0.00    0.00    0.00    0.00   17.19    7.48
 465.  70.15   76.10   19.42  2362.82    0.47    0.54    0.75    2.68    0.00    0.00    0.00    0.00   17.20    8.11
 470.  81.67   81.24   29.65  2325.31    0.47    0.51    0.73    0.44    0.00    0.00    0.00    0.00   17.20    7.99
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TIME      28       29       30      31          32       33       34       35       36       37       38       39       40       41
 475.    65.74    75.27    40.11  2279.15      0.46     0.54     0.68    -0.49     0.00     0.00     0.00     0.00    17.22     8.45
 480.    84.24    78.90    50.36  2235.88      0.46     0.54     0.70    -0.72     0.00     0.00     0.00     0.00    17.16     7.09
 485.   100.00    90.31    59.63  2192.60      0.46     0.53     0.69    -0.82     0.00     0.00     0.00     0.00    17.23     7.78
 490.    79.24    77.83    69.87  2140.67      0.46     0.53     0.71    -0.83     0.00     0.00     0.00     0.00    17.18     7.70
 495.    74.24    79.29    10.14  2108.93      0.45     0.53     0.72     3.52     0.00     0.00     0.00     0.00    17.29     8.37
 500.    73.24    71.46    19.43  2059.89      0.44     0.52     0.67     2.63     0.00     0.00     0.00     0.00    17.20     7.86
 505.    79.07    76.39    29.66  2019.50      0.44     0.51     0.67     0.84     0.00     0.00     0.00     0.00    17.47     7.49
 510.    75.93    77.71    40.13  1976.23      0.44     0.51     0.68    -0.57     0.00     0.00     0.00     0.00    17.47     6.11
 515.    80.98    78.17    50.37  1930.07      0.43     0.51     0.67    -0.72     0.00     0.00     0.00     0.00    17.52     7.14
 520.    72.85    73.83    59.64  1889.68      0.43     0.50     0.67    -0.89     0.00     0.00     0.00     0.00    17.49     6.79
 525.    75.17    75.51    69.89  1857.94      0.43     0.48     0.63    -0.75     0.00     0.00     0.00     0.00    17.55     6.71
 530.    80.40    80.88    10.15  1823.32      0.43     0.49     0.64     3.17     0.00     0.00     0.00     0.00    17.62     6.23
 535.    73.76    77.19    19.43  1806.01      0.42     0.49     0.66     2.56     0.00     0.00     0.00     0.00    17.59     7.14
 540.    67.40    72.61    29.66  1765.62      0.41     0.48     0.63     0.89     0.00     0.00     0.00     0.00    17.63     6.03
 545.    58.98    63.59    40.13  1716.59      0.41     0.47     0.61    -0.58     0.00     0.00     0.00     0.00    17.67     6.74
 550.    70.50    70.57    50.37  1699.26      0.40     0.47     0.62    -0.69     0.00     0.00     0.00     0.00    17.72     6.80
 555.    72.63    75.78    59.64  1655.99      0.40     0.47     0.62    -0.78     0.00     0.00     0.00     0.00    17.81     7.48
 560.    69.88    67.81    69.88  1630.03      0.39     0.47     0.59    -0.78     0.00     0.00     0.00     0.00    17.83     6.39
 565.    73.66    76.05    10.15  1604.05      0.39     0.46     0.60     3.14     0.00     0.00     0.00     0.00    17.92     5.81
 570.    70.07    75.00    19.42  1566.56      0.39     0.44     0.56     2.40     0.00     0.00     0.00     0.00    17.89     6.82
 575.    84.50    78.64    29.65  1537.70      0.38     0.44     0.55     0.96     0.00     0.00     0.00     0.00    17.95     6.81
 580.    85.64    81.74    40.13  1511.74      0.38     0.43     0.53    -0.55     0.00     0.00     0.00     0.00    18.03     6.21
 585.    66.62    78.12    50.36  1477.12      0.37     0.43     0.51    -0.78     0.00     0.00     0.00     0.00    18.06     6.45
 590.    72.98    79.93    59.64  1448.27      0.37     0.43     0.52    -0.82     0.00     0.00     0.00     0.00    17.97     6.14
 595.    90.19    83.98    69.87  1428.07      0.37     0.42     0.54    -0.75     0.00     0.00     0.00     0.00    18.00     6.32
 600.    67.31    70.54    10.15  1399.23      0.37     0.42     0.51     3.01     0.00     0.00     0.00     0.00    18.07     8.01
 605.    75.19    78.93    19.42  1364.61      0.36     0.41     0.52     2.37     0.00     0.00     0.00     0.00    18.12     6.09
 610.    61.29    63.93    29.66  1332.87      0.36     0.41     0.52     0.60     0.00     0.00     0.00     0.00    18.18     6.86
 615.    71.54    71.71    40.13  1321.33      0.36     0.41     0.50    -0.61     0.00     0.00     0.00     0.00    18.12     6.10
 620.    73.05    70.02    50.37  1292.48      0.36     0.40     0.49    -0.74     0.00     0.00     0.00     0.00    18.23     6.18
 625.    69.93    70.07    59.64  1272.28      0.35     0.40     0.49    -0.80     0.00     0.00     0.00     0.00    18.26     5.50
 630.    59.52    63.21    69.88  1237.66      0.35     0.40     0.50    -0.82     0.00     0.00     0.00     0.00    18.27     6.54
 635.    73.22    72.93    10.15  1205.93      0.34     0.39     0.45     2.93     0.00     0.00     0.00     0.00    18.29     6.19
 640.    66.88    64.48    19.43  1200.16      0.34     0.38     0.46     2.33     0.00     0.00     0.00     0.00    18.31     6.56
 645.    66.76    70.19    29.66  1159.77      0.34     0.38     0.45     0.52     0.00     0.00     0.00     0.00    18.36     6.10
 650.    66.45    66.95    40.12  1093.42      0.33     0.37     0.42    -0.55     0.00     0.00     0.00     0.00    18.43     5.89
 655.    63.59    67.02    50.36  1119.38      0.32     0.37     0.47    -0.68     0.00     0.00     0.00     0.00    18.46     5.37
 660.    62.83    65.55    59.64   336.59      0.30     0.36     0.45    -0.77     0.00     0.00     0.00     0.00    18.45     5.11
 665.    70.93    66.59    69.88  1003.98      0.26     0.35     0.40    -0.73     0.00     0.00     0.00     0.00    18.40     6.03
 670.    90.38    85.00    10.14   995.33      0.27     0.35     0.46     2.83     0.00     0.00     0.00     0.00    18.54     5.24
 675.    91.26    93.14    19.42   969.36      0.28     0.36     0.47     2.28     0.00     0.00     0.00     0.00    18.54     5.13
 680.    83.09    83.24    29.64   954.94      0.27     0.35     0.44     1.06     0.00     0.00     0.00     0.00    18.60     5.20
 685.    82.50    83.40    40.11   926.08      0.27     0.34     0.45    -0.48     0.00     0.00     0.00     0.00    18.67     4.63
 690.    69.63    74.61    50.35   923.20      0.25     0.34     0.43    -0.70     0.00     0.00     0.00     0.00    18.74     4.90
 695.    75.24    79.19    59.63   923.20      0.25     0.33     0.42    -0.82     0.00     0.00     0.00     0.00    18.78     5.64
 700.    75.15    77.19    69.87   871.27      0.24     0.33     0.42    -0.78     0.00     0.00     0.00     0.00    18.79     5.27
 705.    78.83    74.95    10.13   842.42      0.24     0.32     0.38     2.72     0.00     0.00     0.00     0.00    18.81     5.51
 710.    83.02    82.38    19.41   842.42      0.23     0.31     0.37     2.20     0.00     0.00     0.00     0.00    18.85     4.15
 715.    76.93    71.37    29.65   819.34      0.23     0.30     0.37     0.66     0.00     0.00     0.00     0.00    18.80     4.80
 720.    82.79    74.34    40.11   810.68      0.23     0.33     0.36    -0.53     0.00     0.00     0.00     0.00    18.82     4.93
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TIME       28       29       30       31        32       33       34       35       36       37       38       39       40       41
 725.    75.49    69.95    50.35   787.60     0.22     0.29     0.35    -0.69     0.00     0.00     0.00     0.00    18.93     4.74
 730.    57.86    63.38    59.63   735.67     0.22     0.28     0.34    -0.79     0.00     0.00     0.00     0.00    18.96     4.38
 735.    84.62    78.39    69.87   738.56     0.22     0.27     0.32    -0.78     0.00     0.00     0.00     0.00    19.00     4.19
 740.    84.14    80.62    10.14   727.02     0.21     0.26     0.32     2.48     0.00     0.00     0.00     0.00    19.04     4.67
 745.    79.90    79.05    19.41   706.82     0.20     0.26     0.32     2.00     0.00     0.00     0.00     0.00    19.07     4.01
 750.    71.34    74.12    29.65   675.09     0.20     0.26     0.30     0.66     0.00     0.00     0.00     0.00    19.09     3.57
 755.    78.05    81.98    40.12   675.09     0.20     0.25     0.30    -0.52     0.00     0.00     0.00     0.00    19.12     4.40
 760.    67.21    75.24    50.35   669.32     0.19     0.24     0.30    -0.64     0.00     0.00     0.00     0.00    19.05     3.63
 765.    60.33    60.93    59.63   654.90     0.20     0.24     0.30    -0.80     0.00     0.00     0.00     0.00    19.10     4.64
 770.    70.05    74.78    69.87   649.13     0.19     0.24     0.29    -0.72     0.00     0.00     0.00     0.00    19.13     4.35
 775.    70.29    71.07    10.13   715.48     0.18     0.23     0.28     2.41     0.00     0.00     0.00     0.00    19.25     4.11
 780.    79.50    70.85    19.41   620.27     0.18     0.23     0.29     1.80     0.00     0.00     0.00     0.00    19.29     3.70
 785.    84.07    78.62    29.66   626.04     0.18     0.22     0.28     0.75     0.00     0.00     0.00     0.00    19.27     4.06
 790.    81.93    78.32    40.12   597.19     0.18     0.22     0.28    -0.49     0.00     0.00     0.00     0.00    19.28     3.69
 795.    71.85    75.34    50.36   594.31     0.18     0.21     0.27    -0.66     0.00     0.00     0.00     0.00    19.31     3.38
 800.    77.56    74.56    59.63   588.54     0.18     0.21     0.26    -0.77     0.00     0.00     0.00     0.00    19.33     3.35
 805.    77.19    73.93    69.87   568.35     0.18     0.21     0.26    -0.70     0.00     0.00     0.00     0.00    19.34     3.72
 810.    76.58    73.41    10.14   568.35     0.17     0.21     0.29     2.25     0.00     0.00     0.00     0.00    19.36     3.29
 815.    77.69    75.00    19.41   568.35     0.17     0.20     0.26     1.80     0.00     0.00     0.00     0.00    19.41     3.42
 820.    80.86    78.36    29.66   553.92     0.17     0.20     0.27     0.24     0.00     0.00     0.00     0.00    19.30     3.42
 825.    59.95    67.07    40.13   542.38     0.16     0.20     0.25    -0.46     0.00     0.00     0.00     0.00    19.41     3.58
 830.    61.00    64.55    50.36   533.73     0.16     0.19     0.24    -0.56     0.00     0.00     0.00     0.00    19.43     3.38
 835.    60.52    70.46    59.63   516.41     0.16     0.20     0.24    -0.74     0.00     0.00     0.00     0.00    19.43     3.66
 840.    62.76    64.45    69.87   510.64     0.15     0.19     0.25    -0.68     0.00     0.00     0.00     0.00    19.44     3.39
 845.    58.61    61.24    10.14   513.53     0.16     0.19     0.24     2.15     0.00     0.00     0.00     0.00    19.43     3.21
 850.    58.14    63.64    19.42   504.88     0.16     0.19     0.24     1.73     0.00     0.00     0.00     0.00    19.44     3.46
 855.    57.10    59.24    29.65   493.34     0.15     0.19     0.23     0.56     0.00     0.00     0.00     0.00    19.45     3.77
 860.    55.58    61.74    40.12   490.45     0.16     0.19     0.25    -0.46     0.00     0.00     0.00     0.00    19.46     3.08
 865.    60.93    64.62    50.36   494.68     0.15     0.18     0.23    -0.64     0.00     0.00     0.00     0.00    19.46     2.64
 870.    65.29    67.21    59.63   467.37     0.16     0.18     0.25    -0.73     0.00     0.00     0.00     0.00    19.44     3.23
 875.    65.76    66.55    69.87   467.37     0.15     0.18     0.26    -0.64     0.00     0.00     0.00     0.00    19.46     3.03
 880.    71.73    72.61    10.13   461.60     0.15     0.18     0.24     2.07     0.00     0.00     0.00     0.00    19.48     2.69
 885.    58.56    60.88    19.41   450.06     0.15     0.18     0.23     1.65     0.00     0.00     0.00     0.00    19.48     2.96
 890.    63.76    64.19    29.65   441.40     0.15     0.18     0.25     0.62     0.00     0.00     0.00     0.00    19.50     3.47
 895.    61.33    61.76    40.11   429.86     0.14     0.18     0.23    -0.49     0.00     0.00     0.00     0.00    19.50     3.25
 900.    58.15    60.33    50.35   447.18     0.14     0.18     0.22    -0.64     0.00     0.00     0.00     0.00    19.51     3.19
 905.    65.48    62.86    59.64   398.13     0.14     0.18     0.31    -0.74     0.00     0.00     0.00     0.00    19.53     3.15
 910.    70.27    67.09    69.87   392.36     0.14     0.18     0.33    -0.64     0.00     0.00     0.00     0.00    19.53     2.91
 915.    59.02    59.57    10.14   389.48     0.13     0.18     0.32     2.01     0.00     0.00     0.00     0.00    19.53     2.62
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TIME       42      43      44      45      46      47       48
   0.    0.10    0.62   -0.14   -0.75    0.55    0.00     0.00
   0.    0.13    0.32   -0.20   -0.24    0.26    0.00     0.00
   0.    0.41    0.06   -0.35   -0.46    0.39    0.00     0.00
   0.    0.05    0.11    0.09    0.62   -1.09    0.00     0.00
   0.   -1.12   -1.74    1.25    1.10   -0.60    0.00     0.00
   0.    0.42    0.63   -0.66   -0.27    0.49    0.00     0.00
   5.    0.62    0.66   -0.61   -0.46    0.06    0.00     5.00
  10.    0.55    0.82   -0.60   -0.86    0.46    0.00    10.00
  15.    0.09    1.07   -0.17   -0.79    0.50    0.00    15.00
  20.    0.95    0.68   -0.30   -0.75    0.30    0.01    20.00
  25.    0.79    0.33    0.59   -1.39   -0.20    0.02    25.00
  30.    1.53    1.28   -1.46    0.01    0.66    0.03    30.00
  35.    1.80    0.35   -0.34   -0.79    0.10    0.05    35.00
  40.    1.44    1.22   -1.51    0.76   -0.87    0.08    40.00
  45.    3.57   -1.13    0.17   -0.07   -0.03    0.12    45.00
  50.    5.14    1.10   -0.85   -0.85    0.58    0.18    50.00
  55.    1.49    1.65    0.64   -1.69    0.06    0.24    55.00
  60.    1.44    1.37   -0.77   -0.26   -0.07    0.37    60.00
  65.    2.78    1.61   -0.68   -0.41   -0.39    0.49    65.00
  70.    2.20    1.65    0.46   -0.51   -1.36    0.68    70.00
  75.    3.73    1.31   -0.46    0.24   -0.89    0.93    75.00
  80.    3.46    2.90   -0.86   -1.56    1.32    1.19    80.00
  85.    5.22    2.67   -2.64   -3.38   -0.42    1.39    85.00
  90.    3.05    0.16    0.31    0.79   -0.51    1.57    90.00
  95.    3.51    3.67   -1.22    0.15    1.46    1.88    95.00
 100.    3.19    0.67   -0.63   -0.25   -0.25    2.27   100.00
 105.    5.15    1.34   -1.47   -0.83    2.71    2.54   105.00
 110.    4.22    0.45    1.40   -1.03    1.77    2.81   110.00
 115.    3.63    4.32   -1.38   -1.86   -0.76    3.05   115.00
 120.    4.31    4.54   -1.86   -1.39    0.59    3.30   120.00
 125.    3.46    3.85   -1.35   -2.28   -0.16    3.33   125.00
 130.    3.17    2.99   -0.42    0.25   -2.13    3.48   130.00
 135.    5.67   -0.71    0.87   -0.05   -1.63    3.55   135.00
 140.    3.14    2.74    0.58   -1.91    0.13    3.55   140.00
 145.    5.64    3.51   -1.36   -2.07    0.20    3.55   145.00
 150.    5.37    1.29    0.55   -0.04   -0.12    3.92   150.00
 155.    4.13    4.54   -2.69   -1.53    1.46    3.81   155.00
 160.    6.25    0.96   -0.05   -0.66   -1.48    3.93   160.00
 165.    5.16    0.68    0.04    0.90   -1.42    4.19   165.00
 170.    5.40    1.97   -1.15    2.08   -1.77    4.02   170.00
 175.    6.31    2.85   -1.03   -2.55   -0.31    3.93   175.00
 180.    2.13    3.37    1.74   -2.07    0.56    3.87   180.00
 185.    5.83    2.38   -1.35   -0.69   -0.89    4.02   185.00
 190.    3.83    3.08    0.38   -0.80   -1.39    3.92   190.00
 195.    5.37    0.25    0.56    1.55   -1.50    3.72   195.00
 200.    5.84    0.72    1.29   -0.33   -2.96    3.63   200.00
 205.    2.32    3.18    1.04   -2.39    1.06    3.57   205.00
 210.    3.26    3.51    0.51   -2.26    0.49    3.52   210.00
 215.    5.34    2.75   -0.36   -0.86    1.01    3.50   215.00
 220.    3.68    2.99    0.08   -0.56   -0.65    3.11   220.00
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TIME        42       43       44       45       46       47      48
 225.     4.58     4.11    -2.08    -0.94     0.65     3.45  225.00
 230.     4.85     2.09     1.14    -1.43    -0.60     3.57  230.00
 235.     3.30     3.17    -1.44    -2.45     0.94     3.42  235.00
 240.     4.49     3.70    -1.25    -2.22     0.85     3.36  240.00
 245.     4.73     1.35     0.31    -2.17    -2.58     3.30  245.00
 250.     4.45     2.78    -0.14    -0.52    -0.80     3.23  250.00
 255.     4.25     2.90    -1.37    -0.04    -1.25     3.03  255.00
 260.     5.19     2.68     0.10    -2.05     0.49     3.18  260.00
 265.     4.48     2.92    -0.88    -0.56    -0.58     3.07  265.00
 270.     4.87     4.19    -0.07    -2.23     1.10     3.00  270.00
 275.     5.69     1.58    -0.38    -1.21    -0.81     3.19  275.00
 280.     4.32     2.24    -1.29    -0.05    -0.29     3.10  280.00
 285.     3.87     3.27    -1.18    -1.13    -0.73     3.05  285.00
 290.     3.72     2.52    -0.13    -1.41     0.11     3.01  290.00
 295.     5.36     1.78     0.58    -0.37    -1.99     2.91  295.00
 300.     5.54     1.08    -0.11    -0.30    -0.34     3.00  300.00
 305.     4.33     2.52    -0.32    -1.00    -0.28     2.94  305.00
 310.     4.69     1.63    -0.03    -0.95     0.33     2.90  310.00
 315.     5.79     2.05    -0.70    -0.50     0.62     2.88  315.00
 320.     5.00     3.06    -0.88    -1.41    -0.60     2.75  320.00
 325.     5.24     2.38    -2.19    -0.28    -0.94     2.93  325.00
 330.     5.27     1.63    -0.07    -0.90    -0.99     2.86  330.00
 335.     5.12     2.94    -2.21    -1.94     0.01     2.64  335.00
 340.     4.64     3.72    -2.07    -3.41     0.66     2.91  340.00
 345.     5.87    -0.18     0.40    -0.31     0.48     2.98  345.00
 350.     4.69     2.51     0.43    -2.28     0.36     2.93  350.00
 355.     6.25     1.61    -1.11    -2.29    -0.41     2.85  355.00
 360.     5.16     1.53    -0.68    -1.03     0.72     2.89  360.00
 365.     5.06     1.45    -0.57    -1.60    -0.44     2.82  365.00
 370.     4.62     3.50    -0.80    -2.95    -0.38     2.76  370.00
 375.     4.33     2.98     0.00    -2.51     1.43     2.77  375.00
 380.     5.02     2.50    -0.26    -1.18     0.46     2.90  380.00
 385.     5.43     2.41    -0.35    -1.62    -0.92     2.88  385.00
 390.     4.66     1.53    -1.56    -0.95     0.36     2.89  390.00
 395.     4.25     2.40    -1.49    -0.25    -0.61     2.84  395.00
 400.     6.05     2.61    -0.83    -0.92    -0.07     2.84  400.00
 405.     5.15     0.92    -0.33    -0.41    -1.15     2.80  405.00
 410.     5.27     3.25    -1.47    -0.76     0.03     2.76  410.00
 415.     5.04     2.96    -0.74    -1.50    -1.55     2.82  415.00
 420.     5.08     1.18    -0.56    -0.51    -0.63     2.76  420.00
 425.     5.38     2.79    -0.77    -2.43     1.95     2.76  425.00
 430.     6.72     2.16    -1.59    -0.55    -0.13     2.76  430.00
 435.     4.09     1.04     0.25    -0.90    -0.97     2.78  435.00
 440.     5.94     2.28    -1.23     0.02    -2.64     2.71  440.00
 445.     4.97     1.69    -0.15    -0.71     0.29     2.73  445.00
 450.     5.54     0.63     0.81    -0.51    -0.93     2.86  450.00
 455.     4.76     2.73    -0.58    -1.84     0.48     2.65  455.00
 460.     4.88     1.90    -0.57    -0.99    -0.36     2.70  460.00
 465.     5.65     1.13    -0.06    -1.75     0.16     2.70  465.00
 470.     4.26     2.30    -0.60    -2.04     1.01     2.63  470.00
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TIME       42       43       44       45       46       47       48
 475.     5.10     2.34    -1.05    -0.52    -0.65     2.53   475.00
 480.     5.81     2.28    -0.80    -0.51    -1.54     2.49   480.00
 485.     4.87     2.46    -0.28    -1.56    -0.61     2.65   485.00
 490.     5.83     1.04     0.16    -0.36    -1.50     2.55   490.00
 495.     5.65     1.33    -0.80     0.36    -1.10     2.53   495.00
 500.     4.16     3.54    -1.01    -1.00     0.23     2.43   500.00
 505.     6.03     1.28    -0.13    -1.26     0.35     2.22   505.00
 510.     5.34     2.33    -0.60    -1.15    -0.10     2.27   510.00
 515.     4.89     2.25    -0.20    -1.33     0.07     2.27   515.00
 520.     5.06     2.22    -0.29    -1.71     0.48     2.30   520.00
 525.     5.38     1.83    -0.70    -1.07    -0.22     2.18   525.00
 530.     5.44     1.84    -0.38    -1.06    -0.45     2.16   530.00
 535.     4.13     2.65    -0.25    -0.69    -0.90     2.15   535.00
 540.     5.30     1.78    -0.11    -1.49     0.11     2.11   540.00
 545.     5.65     1.30     0.05    -0.71    -0.09     2.03   545.00
 550.     5.03     1.79    -0.60    -0.74    -0.78     2.01   550.00
 555.     4.86     2.26    -0.86    -0.47    -0.07     1.86   555.00
 560.     4.50     1.96    -0.71    -0.36    -0.06     1.91   560.00
 565.     4.68     2.29    -0.49    -1.12    -0.73     1.80   565.00
 570.     4.41     1.75    -0.37    -0.70    -0.54     1.89   570.00
 575.     4.28     2.05    -0.48    -1.25    -0.36     1.71   575.00
 580.     5.08     2.36    -0.74    -0.68    -0.83     1.64   580.00
 585.     4.23     2.68    -0.65    -1.18    -0.89     1.66   585.00
 590.     5.05     2.18    -0.55    -0.50    -0.74     1.64   590.00
 595.     5.21     1.99    -0.96    -0.86    -0.49     1.62   595.00
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 605.     4.45     2.30    -1.07    -0.59    -0.54     1.55   605.00
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 615.     4.60     2.14    -0.21    -1.04    -0.22     1.49   615.00
 620.     4.72     1.35    -0.05    -0.51    -1.18     1.47   620.00
 625.     5.19     1.82    -0.73    -1.00    -0.16     1.41   625.00
 630.     4.43     1.97    -0.53    -1.01    -0.12     1.41   630.00
 635.     3.87     2.53    -0.66    -0.86    -0.52     1.42   635.00
 640.     4.29     1.94    -0.23    -1.43    -0.22     1.40   640.00
 645.     4.35     1.63    -0.22    -1.07    -0.61     1.33   645.00
 650.     4.48     1.65     0.21    -1.21    -0.18     1.17   650.00
 655.     4.83     2.06    -0.69    -1.11    -0.25     1.22   655.00
 660.     4.25     1.53     0.52    -1.45    -0.42     1.25   660.00
 665.     4.54     1.48    -0.21    -0.40    -1.05     1.21   665.00
 670.     3.87     2.04     0.21    -1.10    -0.80     1.15   670.00
 675.     4.93     1.28    -0.42    -0.80    -1.36     1.13   675.00
 680.     4.73     1.90    -0.73    -1.24    -0.67     1.06   680.00
 685.     4.62     1.71    -0.25    -1.54    -0.00     1.02   685.00
 690.     4.57     1.54    -0.43    -0.68    -1.07     0.92   690.00
 695.     3.89     1.79    -0.76    -0.98    -0.29     0.91   695.00
 700.     4.28     1.13    -0.33    -1.09    -0.92     0.89   700.00
 705.     3.46     1.80     0.24    -1.72     0.01     0.87   705.00
 710.     4.43     1.97    -0.32    -0.83    -1.07     0.90   710.00
 715.     4.11     1.53    -0.35    -0.88    -0.90     0.84   715.00
 720.     4.01     2.14    -0.66    -1.63    -0.29     0.77   720.00
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 735.     3.70     1.61    -0.12    -1.43    -0.31     0.70   735.00
 740.     3.53     1.87    -0.39    -0.84    -0.84     0.67   740.00
 745.     3.86     1.67    -0.71    -0.85    -0.52     0.65   745.00
 750.     3.99     1.30    -0.41    -1.09    -0.36     0.63   750.00
 755.     3.22     1.77    -0.30    -0.89    -0.65     0.61   755.00
 760.     3.75     1.44    -0.12    -0.99    -0.78     0.58   760.00
 765.     3.38     1.61    -0.39    -0.95    -0.51     0.53   765.00
 770.     3.44     1.77    -0.33    -0.91    -0.84     0.53   770.00
 775.     3.29     1.29     0.06    -0.71    -0.93     0.50   775.00
 780.     3.60     1.60    -0.21    -0.83    -0.52     0.46   780.00
 785.     3.52     1.35    -0.44    -1.02    -0.57     0.49   785.00
 790.     3.48     1.40    -0.54    -0.85     0.01     0.47   790.00
 795.     3.62     1.59    -0.67    -0.81    -0.60     0.44   795.00
 800.     2.95     1.76    -0.66    -0.89    -1.02     0.46   800.00
 805.     3.07     1.44    -0.47    -0.79    -0.36     0.44   805.00
 810.     3.27     1.53    -0.45    -1.01    -0.41     0.43   810.00
 815.     2.97     1.71    -0.31    -1.14    -0.20     0.49   815.00
 820.     2.69     1.48    -0.04    -0.95    -0.94     0.42   820.00
 825.     2.97     1.70    -0.39    -1.15    -0.18     0.40   825.00
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 835.     2.94     1.54    -0.50    -0.71    -0.41     0.38   835.00
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 845.     3.24     1.36    -0.30    -0.92    -0.28     0.38   845.00
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 855.     2.42     1.63    -0.44    -0.76    -0.48     0.36   855.00
 860.     3.34     1.08    -0.66    -0.80     0.06     0.36   860.00
 865.     2.82     1.54    -0.47    -1.06    -0.29     0.36   865.00
 870.     2.70     1.34    -0.25    -0.86    -0.49     0.36   870.00
 875.     2.89     1.24    -0.43    -1.03    -0.47     0.35   875.00
 880.     2.78     1.58    -0.25    -1.34     0.04     0.35   880.00
 885.     2.77     1.37    -0.65    -0.77    -0.09     0.35   885.00
 890.     2.71     1.16    -0.57    -0.96    -0.49     0.32   890.00
 895.     2.62     1.51    -0.79    -0.80    -0.54     0.33   895.00
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 905.     2.99     1.25    -0.59    -0.65    -0.44     0.31   905.00
 910.     2.78     1.16    -0.24    -0.64    -0.58     0.31   910.00
 915.     2.68     1.18    -0.26    -0.90    -0.48     0.31   915.00
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TIME      0        1        2        3        4        5        6        7        8        9        10       11       12       13
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  0.    23.37    23.10    22.75    23.40    22.70    22.02    21.85    23.02    23.40    23.27    23.30    23.32    23.17    23.07
  0.    23.27    22.77    22.70    23.07    22.20    22.02    21.67    22.97    23.42    23.32    23.30    23.32    23.10    23.07
  0.    23.45    23.17    22.65    23.10    22.50    21.77    21.52    22.97    23.40    23.37    23.27    23.30    23.15    23.10
  0.    23.25    23.00    22.65    23.30    22.38    21.72    21.50    23.02    23.32    23.30    23.22    23.22    23.10    23.10
  0.    23.25    23.13    22.67    23.30    22.47    21.60    21.50    22.95    23.35    23.32    23.22    23.27    23.10    23.17
  5.    23.42    23.32    23.25    23.22    22.72    22.25    21.92    25.70    28.30    23.55    23.20    23.20    23.07    23.02
 10.    29.02    30.66    25.63    23.55    22.90    22.63    22.65    27.47    30.30    29.77    30.68    32.63    29.41    28.55
 15.    39.02    29.90    25.30    23.52    23.15    23.00    22.27    28.13    41.53    36.56    36.68    38.32    34.93    33.02
 20.    40.39    33.34    25.82    23.13    22.27    21.95    21.77    29.42    43.17    40.24    40.12    41.98    37.00    37.17
 25.    45.02    40.12    26.00    22.85    22.80    22.25    22.12    30.05    44.49    43.85    44.00    47.02    43.34    40.83
 30.    52.05    41.85    28.95    22.67    22.85    22.12    22.10    30.03    49.39    50.24    47.27    48.68    44.95    43.39
 35.    50.85    47.63    29.32    22.35    22.25    21.63    21.72    32.73    53.38    51.93    50.19    51.73    49.37    48.70
 40.    57.10    52.07    36.12    22.27    22.47    21.63    21.63    36.66    60.38    56.19    56.17    58.46    56.39    54.24
 45.    65.79    59.15    36.90    22.85    22.75    21.72    21.75    39.78    75.51    67.59    66.29    67.12    64.01    64.50
 50.    77.74    62.19    37.93    22.95    23.02    21.92    21.82    42.56    90.35    83.40    82.26    80.29    75.51    71.27
 55.    94.55    77.80    45.51    22.60    22.60    21.95    21.65    47.98   103.71    95.81    95.40    97.26    89.05    82.83
 60.   107.51    87.74    44.27    22.65    23.00    22.27    22.12    57.68   124.30   115.56   112.10   108.15    97.19    94.59
 65.   125.54    91.69    55.83    22.80    23.02    22.12    21.65    59.50   139.38   134.25   124.41   121.46   115.78   105.83
 70.   140.13   124.46    49.95    24.00    23.17    22.42    22.22    63.81   155.55   148.70   144.90   143.02   127.44   117.08
 75.   157.45   127.93    63.62    23.30    23.22    22.30    22.22    71.90   169.55   150.27   157.82   156.42   144.92   140.77
 80.   169.47   138.42    50.54    23.45    23.27    22.40    22.27    76.17   182.47   173.22   173.25   171.67   165.05   154.13
 85.   201.65   170.50    45.41    23.35    23.70    21.60    21.63    85.21   202.37   199.61   201.52   201.76   187.15   170.97
 90.   219.17   190.32    69.68    23.72    23.67    21.47    21.35   100.22   241.30   231.52   222.32   220.72   198.75   196.25
 95.   239.02   214.25    48.41    24.25    23.72    22.12    21.63   108.95   255.58   242.58   236.93   238.37   229.92   220.67
100.   253.37   198.07    86.09    23.90    23.60    22.02    21.95   125.49   274.33   274.61   273.00   280.10   255.90   241.93
105.   277.98   238.34    60.69    23.92    24.30    22.27    22.27   137.38   308.56   294.73   294.27   280.95   260.58   253.88
110.   294.00   225.05    63.24    24.27    23.63    22.63    22.50   148.42   311.12   315.10   303.80   292.81   274.17   265.39
115.   308.34   284.51    92.09    24.32    24.75    21.90    21.52   150.47   326.24   324.50   314.90   317.26   295.63   284.76
120.   314.88   255.07    82.24    24.42    24.65    22.00    21.75   165.57   325.38   327.43   321.38   339.98   307.27   293.00
125.   321.43   304.54    56.02    25.02    24.85    22.05    21.70   167.40   348.33   343.68   340.78   348.79   321.86   312.59
130.   329.12   310.41    69.80    24.67    24.92    21.85    21.63   180.75   347.19   342.12   345.88   349.48   349.50   342.29
135.   328.90   287.90   101.68    24.92    25.05    21.90    21.60   190.63   356.24   354.83   347.40   361.93   347.06   344.15
140.   339.90   286.71   104.05    24.88    24.97    21.77    21.50   203.00   364.35   364.86   361.76   366.30   342.88   345.93
145.   347.40   317.71    76.37    25.07    24.97    21.97    21.50   204.49   368.33   364.02   369.62   386.50   363.23   368.71
150.   352.48   287.71    96.86    25.27    25.92    22.02    21.70   208.22   380.36   365.95   367.52   368.74   353.62   347.62
155.   359.05   305.37    54.54    25.45    26.22    22.45    21.90   206.83   362.49   367.52   366.55   381.93   364.40   359.79
160.   369.12   311.33   126.22    26.35    25.92    22.35    22.10   223.77   367.74   369.52   364.55   364.42   362.24   359.43
165.   362.81   345.39   152.77    25.52    26.20    21.90    21.75   225.40   365.58   368.07   370.56   381.05   363.26   351.29
170.   360.29   329.05   111.32    25.40    25.97    21.95    22.17   222.05   366.50   368.71   368.48   384.93   362.88   361.86
175.   359.62   324.71    84.17    25.25    26.35    22.39    21.90   229.70   364.35   363.53   365.36   363.67   356.40   357.29
180.   368.86   343.46   143.32    25.22    26.25    22.42    22.22   229.30   366.19   365.12   363.40   367.28   358.62   362.59
185.   363.33   317.24    77.68    25.52    27.05    22.38    22.07   229.67   365.26   366.52   359.31   363.23   365.67   368.00
190.   359.93   312.24   141.55    26.27    26.65    22.25    21.97   232.05   366.46   368.59   359.26   361.83   343.24   347.51
195.   355.29   285.05    88.36    25.47    26.70    22.50    22.40   231.56   366.12   363.05   366.74   364.65   358.57   360.71
200.   359.24   303.98   113.98    25.50    26.77    22.57    22.38   232.27   368.39   365.51   368.12   370.56   361.26   361.00
205.   357.90   342.61   124.49    25.17    27.20    22.63    22.45   233.27   363.53   367.88   362.86   366.42   363.38   352.74
210.   353.64   323.81   140.55    26.47    27.20    22.75    22.17   235.78   364.37   368.40   361.93   368.26   346.55   351.43
215.   349.57   327.00   127.07    31.44    26.50    22.70    22.35   239.90   365.30   369.07   366.12   368.32   369.67   363.81
220.   349.67   325.67   102.27    27.82    27.02    22.38    22.22   238.78   368.17   363.74   367.02   367.00   364.64   361.02
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PRC11-W-3-1/2                                                              PAGE    2

TIME       0        1        2        3        4        5        6        7        8        9       10       11       12       13
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 240.   348.98   347.24   207.68    25.85    25.38    22.32    22.00   245.95   366.05   362.88   365.40   365.07   360.64   354.83
 245.   353.29   324.48   158.17    26.02    27.22    22.47    22.20   244.76   366.74   368.19   367.86   369.46   361.90   356.71
 250.   344.67   341.44    96.21    26.77    26.15    22.70    22.50   244.54   366.76   366.31   365.21   363.12   366.17   353.90
 255.   353.64   319.93   124.76    26.80    26.88    22.38    22.52   251.07   363.02   367.36   362.12   368.40   361.45   368.57
 260.   349.07   313.76   139.10    26.47    25.50    22.25    21.95   247.08   358.19   364.29   363.43   368.28   359.48   360.57
 265.   340.17   314.76   142.20    25.85    27.57    22.35    22.35   245.17   367.76   369.71   360.45   361.98   357.38   352.45
 270.   343.81   318.52   149.67    25.70    27.77    22.75    23.05   247.44   363.38   362.38   357.69   364.55   355.55   357.79
 275.   350.00   312.38   137.47    26.02    28.05    22.72    22.65   249.80   365.57   361.93   360.29   366.14   345.90   348.51
 280.   348.95   314.09   191.72    29.00    27.42    22.82    21.82   248.19   364.33   362.31   357.43   369.33   362.79   358.36
 285.   339.37   322.74    73.41    27.55    26.82    23.42    22.42   247.73   350.76   364.83   355.67   367.12   355.52   346.05
 290.   340.55   309.58    97.00    26.52    25.05    22.47    22.50   254.17   365.55   357.31   353.45   357.64   350.93   359.09
 295.   342.24   324.79   114.61    26.15    27.05    22.67    22.60   252.02   354.98   352.31   348.55   363.98   363.76   361.64
 300.   346.26   338.73   161.55    26.40    26.92    22.92    22.77   254.27   357.38   361.55   357.31   359.29   349.48   346.73
 305.   346.12   312.73    70.90    27.92    27.20    23.15    22.67   253.10   356.19   349.38   344.83   355.05   356.48   359.74
 310.   343.98   319.17    85.29    27.15    25.57    22.95    22.97   253.22   359.05   361.48   357.98   361.74   348.76   344.73
 315.   339.73   294.41   108.61    26.42    26.50    22.65    22.92   254.61   354.05   355.43   350.31   352.98   347.50   353.95
 320.   342.71   312.19    85.79    26.92    27.42    22.42    22.07   254.71   356.50   353.98   347.43   352.31   349.00   353.86
 325.   343.98   318.57   190.27    25.97    27.17    22.25    22.15   256.15   355.33   353.24   351.29   365.36   358.71   345.19
 330.   343.07   313.02    95.71    26.00    27.05    21.82    21.95   253.41   357.05   351.76   350.48   359.40   349.83   346.98
 335.   345.56   296.98   104.34    26.30    27.90    22.35    22.27   253.88   352.00   359.76   358.40   363.53   364.14   359.50
 340.   341.15   312.71   116.61    26.65    28.20    22.40    22.12   253.98   350.31   353.59   348.79   357.21   347.14   343.29
 345.   345.46   317.51   173.70    26.52    26.38    22.70    22.52   254.66   354.57   359.50   358.05   362.88   349.86   349.19
 350.   330.14   315.54   145.27    27.00    27.67    22.88    22.90   255.56   357.79   357.02   350.71   357.36   359.26   360.62
 355.   342.79   318.88   158.80    26.30    28.89    22.90    22.67   257.07   350.07   350.83   349.17   357.90   345.88   344.09
 360.   342.90   307.88   115.80    26.02    28.85    22.77    22.57   254.71   347.48   347.74   340.98   344.02   339.56   347.24
 365.   339.93   326.69   118.44    26.72    27.90    22.67    22.65   254.49   355.09   349.79   344.24   352.76   344.95   346.57
 370.   339.93   318.69   188.67    26.57    27.72    22.52    22.63   256.66   351.55   346.98   343.59   351.79   340.55   344.50
 375.   343.76   313.90   178.20    27.57    26.88    22.45    22.05   258.41   347.05   345.62   345.31   346.33   341.85   347.81
 380.   346.32   315.21   172.00    26.88    26.65    22.25    22.42   250.73   353.29   357.57   354.17   359.64   347.79   341.05
 385.   327.05   314.62   103.73    27.10    25.15    23.20    22.07   256.51   345.43   346.00   344.38   352.83   350.67   355.95
 390.   330.09   313.64   109.90    27.27    24.88    22.32    22.30   258.32   345.71   351.76   347.07   347.90   346.73   341.56
 395.   341.90   311.49   129.00    26.52    26.82    22.57    22.38   259.61   351.05   352.59   343.38   353.71   343.69   344.17
 400.   328.95   321.36   123.46    26.02    28.20    22.50    22.55   259.12   344.33   348.90   342.95   349.00   347.40   353.83
 405.   314.55   318.45   170.00    26.10    24.85    22.55    22.50   260.10   351.33   351.95   346.02   352.09   348.29   350.43
 410.   329.69   314.14   110.44    27.07    29.05    22.65    22.52   262.39   347.21   343.98   340.86   347.26   344.67   342.31
 415.   328.98   320.26   144.77    26.70    29.20    22.90    22.45   263.66   345.33   345.90   343.79   356.26   359.59   364.50
 420.   340.15   304.98   129.56    27.20    27.95    22.57    22.25   262.58   356.55   354.02   349.88   350.02   343.49   344.07
 425.   322.90   314.09   105.07    27.70    28.00    23.20    22.42   266.34   355.07   354.43   345.88   349.59   340.98   346.90
 430.   341.93   318.45   197.40    27.17    29.30    22.02    23.07   264.56   355.76   346.52   343.05   348.98   348.32   349.12
 435.   342.29   317.46   163.30    26.85    28.67    22.85    22.72   263.41   349.07   353.31   347.05   353.79   346.95   347.38
 440.   344.95   315.57   170.50    27.47    27.67    23.30    22.57   266.32   350.12   351.57   351.29   356.55   346.40   345.41
 445.   340.12   311.19   116.22    30.17    29.02    23.07    23.07   265.19   353.30   351.33   346.64   352.76   341.33   347.27
 450.   343.19   317.61   143.10    29.51    28.25    22.95    22.72   263.93   347.33   348.26   343.49   348.90   347.34   348.27
 455.   343.93   315.26   176.80    29.20    28.80    22.65    22.42   265.93   346.40   346.48   341.86   351.26   343.56   340.86
 460.   344.17   308.95   127.61    29.27    28.80    23.07    22.85   266.22   349.50   348.64   348.71   356.26   353.40   347.40
 465.   340.64   315.00   165.38    32.34    28.20    22.77    22.60   269.24   362.38   350.45   348.43   353.76   345.17   353.36
 470.   328.09   307.24   246.51    29.05    27.15    23.02    23.02   270.02   348.48   347.80   341.93   350.29   348.19   350.19
```

TIME	0	1	2	3	4	5	6	7	8	9	10	11	12	13
475.	323.29	314.62	233.83	28.07	25.80	23.00	23.02	267.27	342.38	346.76	344.38	347.98	345.93	345.19
480.	327.57	307.07	141.92	28.02	26.70	23.17	22.60	269.61	348.39	350.40	346.05	350.21	347.19	347.49
485.	324.79	313.17	133.30	27.47	26.80	23.97	21.82	269.63	342.76	345.21	342.40	343.12	344.24	346.88
490.	326.24	321.52	148.55	27.25	25.15	22.47	22.38	270.68	349.74	348.50	345.05	351.43	344.02	344.57
495.	326.17	317.52	90.59	27.00	25.45	23.00	22.47	270.49	347.37	343.81	342.33	347.57	342.32	342.19
500.	328.00	309.12	86.05	26.38	27.30	22.25	22.25	267.95	344.26	344.69	348.19	344.86	348.49	345.32
505.	316.19	293.88	149.57	26.82	28.13	22.30	22.25	266.44	346.76	340.69	345.07	345.52	344.73	327.79
510.	317.88	302.76	118.44	26.47	28.10	22.00	22.10	265.34	347.41	345.24	340.58	346.61	341.68	338.76
515.	315.38	315.27	105.73	30.37	28.32	22.65	22.35	265.32	349.26	347.34	342.98	342.17	348.51	346.85
520.	318.64	287.12	116.58	28.55	27.49	22.80	22.22	263.68	341.56	339.73	328.81	342.07	326.43	326.19
525.	318.95	309.93	136.45	28.65	27.38	22.72	22.52	262.17	340.15	328.36	324.62	329.59	339.63	338.61
530.	312.50	313.27	129.37	27.35	28.57	22.67	22.50	260.10	328.38	326.71	323.05	327.76	324.50	327.71
535.	311.33	296.32	139.22	26.20	28.07	22.70	22.17	259.15	324.36	324.76	320.83	325.93	322.98	326.14
540.	309.58	304.51	164.10	31.27	27.17	22.72	22.00	257.76	318.30	317.69	312.86	320.59	317.40	316.93
545.	317.85	308.54	141.75	27.90	28.20	22.82	22.90	255.90	317.57	319.19	316.48	322.40	318.02	316.98
550.	312.41	291.33	159.05	27.45	27.32	22.88	22.10	253.56	314.57	315.59	313.80	320.50	317.93	324.57
555.	310.90	301.56	136.45	27.35	28.00	23.05	22.02	252.24	319.30	311.76	316.56	318.55	314.90	312.02
560.	306.46	274.46	78.71	27.00	26.85	22.77	22.07	252.05	311.54	311.02	314.22	314.17	311.12	305.61
565.	302.19	278.68	116.15	27.05	27.52	23.00	22.42	254.29	315.29	317.19	313.80	316.46	310.93	303.66
570.	293.26	287.54	160.45	26.57	25.70	23.82	22.35	253.93	312.34	312.24	308.98	314.12	309.02	303.10
575.	303.24	285.24	153.20	26.92	26.42	23.67	22.65	253.54	309.44	308.34	305.61	311.80	308.83	306.76
580.	290.95	285.85	154.88	26.47	27.90	22.90	22.38	249.58	304.56	304.88	301.66	305.63	291.59	303.95
585.	294.15	280.93	143.85	26.52	28.22	22.47	22.17	246.05	307.30	305.41	304.98	311.80	307.90	306.49
590.	296.51	282.10	133.97	27.22	24.60	23.17	22.50	243.63	304.54	303.15	291.67	304.07	301.95	302.51
595.	289.27	266.05	120.41	28.17	23.90	23.15	22.32	240.34	292.17	291.21	295.17	290.95	296.24	294.02
600.	277.63	252.58	84.83	26.90	26.17	22.90	22.60	237.19	290.58	289.90	287.90	290.32	284.12	281.50
605.	273.17	265.68	110.27	29.25	25.38	22.67	22.35	235.12	284.34	284.63	280.98	279.88	275.49	271.27
610.	265.61	251.85	89.67	26.67	26.63	22.40	22.22	232.00	277.53	273.76	270.85	273.02	269.71	270.44
615.	258.76	256.83	147.75	25.60	27.40	22.82	22.40	228.85	276.53	272.83	271.37	275.66	271.66	266.12
620.	258.93	229.42	106.05	25.85	26.97	23.45	22.77	228.41	272.15	267.73	266.58	267.80	263.73	259.22
625.	253.95	240.46	107.15	26.05	25.07	22.60	22.25	231.25	268.54	265.88	264.22	266.73	261.56	256.95
630.	253.00	242.93	121.41	26.02	27.82	22.38	21.90	228.55	262.49	259.90	257.61	257.98	254.10	252.88
635.	246.58	223.57	109.10	26.47	28.02	23.00	22.85	227.10	255.35	253.05	251.32	252.95	247.93	247.17
640.	238.66	239.71	96.36	25.50	27.82	22.35	22.17	224.37	249.71	249.95	249.12	250.02	246.95	245.76
645.	239.56	228.25	90.14	25.63	27.88	22.55	22.35	222.02	246.12	244.41	243.39	245.34	240.73	237.02
650.	239.71	223.67	122.37	26.77	27.05	22.35	22.20	221.07	242.29	242.68	240.07	241.07	238.37	234.29
655.	231.34	201.22	140.00	25.32	26.88	22.80	22.27	218.85	241.10	238.22	236.19	236.41	235.19	235.98
660.	228.54	203.32	111.83	25.20	27.00	22.52	22.22	216.35	235.29	233.05	232.07	232.17	229.12	228.95
665.	223.07	192.07	116.90	26.50	25.97	22.40	22.38	207.90	228.27	229.55	233.00	232.88	227.40	222.20
670.	223.30	190.75	86.88	31.17	25.97	22.65	22.20	205.27	220.57	221.27	223.72	224.90	223.67	222.32
675.	207.80	201.70	76.46	28.70	25.05	22.67	22.40	203.49	220.50	218.72	219.62	220.52	218.82	218.45
680.	205.58	200.05	89.36	30.07	26.02	22.35	22.45	202.32	221.30	220.75	219.42	215.52	214.60	214.38
685.	203.76	188.63	73.98	27.15	26.77	22.38	22.30	200.22	216.13	217.27	216.85	207.76	205.98	202.54
690.	201.39	187.82	92.95	26.40	26.27	23.57	22.47	198.85	207.51	207.32	207.12	203.51	203.51	202.71
695.	200.51	176.85	66.64	25.88	27.15	22.57	21.92	202.40	205.78	200.17	200.58	202.71	203.85	202.37
700.	201.02	185.57	92.95	31.02	25.63	22.35	21.82	201.47	203.56	201.19	201.78	202.02	201.12	199.98
705.	202.05	178.80	85.88	26.88	26.32	22.12	21.67	199.65	203.37	200.85	200.61	199.49	198.51	201.85
710.	199.50	185.97	89.05	26.45	23.82	22.45	21.90	197.95	199.12	201.27	201.92	200.52	201.10	199.55
715.	196.60	176.97	76.63	26.57	23.97	22.20	22.00	196.82	202.32	201.13	200.42	199.65	199.20	196.30
720.	193.30	177.80	80.79	25.90	26.55	22.15	21.82	195.90	200.55	198.97	197.55	196.30	197.17	194.30

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TIME       0        1        2        3        4        5        6        7        8        9       10       11       12       13
 725.   191.17   190.92    93.31    25.52    23.87    22.92    22.35   194.57   197.52   195.82   195.00   194.50   194.57   194.13
 730.   191.32   177.22    86.09    25.45    25.52    22.50    22.77   193.22   194.45   193.22   193.87   194.45   194.02   194.32
 735.   189.50   171.60    66.38    25.30    25.72    23.63    21.65   191.80   191.37   190.72   191.22   190.38   191.47   190.92
 740.   186.52   167.17    80.64    24.60    23.13    22.60    21.70   190.65   189.38   188.90   189.75   191.02   190.35   190.77
 745.   184.30   154.95    64.59    24.35    24.72    21.60    21.45   189.02   185.55   186.70   185.95   187.95   188.47   187.38
 750.   181.70   159.65    49.68    24.65    25.40    22.22    22.10   187.75   182.35   183.37   185.52   183.75   183.97   185.12
 755.   178.63   172.15    67.36    24.57    23.80    22.35    22.25   186.47   177.15   178.27   179.88   179.70   179.15   180.20
 760.   174.85   167.32    81.76    24.72    24.42    22.27    22.57   185.45   175.70   177.50   178.72   178.15   179.05   178.17
 765.   173.13   160.42    79.98    25.75    25.97    22.60    22.63   184.27   174.38   174.47   176.20   175.38   176.52   177.70
 770.   170.13   135.92    64.71    25.00    25.45    22.20    22.27   183.05   175.10   174.40   177.80   177.40   176.47   176.57
 775.   171.75   155.35    77.74    27.90    23.67    22.55    21.80   182.20   174.57   173.82   177.02   176.82   177.70   178.32
 780.   171.60   159.22    86.19    28.97    26.22    22.42    22.02   180.87   172.32   170.77   171.17   173.88   176.65   176.35
 785.   167.47   155.88    82.29    26.75    24.27    22.05    21.92   180.25   170.35   170.07   172.07   170.85   172.42   171.35
 790.   168.30   141.45    47.51    25.63    25.85    22.12    22.05   179.57   170.30   170.60   171.75   170.92   170.97   170.22
 795.   166.42   148.25    78.67    26.72    24.95    22.25    22.00   178.82   169.40   168.80   171.52   169.27   169.72   167.80
 800.   167.45   137.77    66.55    29.17    25.63    21.80    21.72   177.72   168.50   170.17   171.22   169.30   169.62   168.05
 805.   165.47   139.50    62.64    27.17    25.95    21.77    21.55   176.90   165.37   167.25   168.70   168.07   168.97   166.82
 810.   163.20   137.38    79.90    27.85    25.85    22.63    21.90   176.88   168.32   166.77   166.95   165.17   166.13   165.02
 815.   163.00   129.22    78.15    28.15    25.32    22.15    21.80   175.82   162.52   160.65   167.22   167.47   166.52   166.57
 820.   162.80   135.88    76.05    26.60    25.72    22.57    21.72   174.62   164.55   164.40   167.70   166.50   164.80   165.10
 825.   163.07   124.00    74.46    25.82    26.38    22.32    22.22   173.85   161.22   161.77   166.57   164.70   163.70   160.57
 830.   157.80   116.51    70.44    26.32    25.88    22.42    21.75   173.97   165.57   160.75   155.52   152.40   152.35   143.17
 835.   157.07   116.88    69.71    25.47    25.45    22.22    21.90   174.20   168.52   165.70   157.67   156.35   152.95   143.70
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TIME     14      15      16      17      18      19      20      21      22      23      24      25      26      27
   0.   22.95   22.80   22.72   22.52   22.45   22.20   21.97   22.05   21.90   22.12   22.92   21.85   21.82   21.67
   0.   22.97   22.82   22.67   22.52   22.45   22.22   22.12   22.12   21.38   22.15   23.02   21.77   21.77   21.70
   0.   22.95   22.82   22.65   22.42   22.38   22.25   22.17   22.02   21.90   22.15   22.95   21.75   21.60   21.65
   0.   22.95   22.72   22.55   22.40   22.32   22.25   22.17   21.92   21.75   22.07   22.92   21.75   21.65   21.60
   0.   22.92   22.72   22.52   22.40   22.27   22.20   22.12   21.85   21.72   22.10   22.95   21.75   21.63   21.57
   0.   22.85   22.67   22.50   22.42   22.30   22.22   22.07   21.90   21.32   22.20   22.90   21.80   21.65   21.57
   5.   22.97   23.02   22.92   22.88   22.77   22.77   22.32   22.02   21.32   22.38   23.57   21.82   21.70   21.52
  10.   27.97   27.47   25.63   23.32   23.07   23.05   22.60   22.12   21.92   22.55   24.38   21.92   21.95   21.65
  15.   34.12   31.56   29.32   25.67   23.90   23.22   22.70   22.25   22.35   22.75   24.70   21.95.  21.95   21.60
  20.   36.22   33.80   29.40   24.47   23.70   23.52   22.65   22.30   22.10   22.92   25.20   22.00   21.90   21.67
  25.   39.73   36.95   34.27   27.80   23.72   23.57   22.82   22.38   22.15   23.10   25.88   21.97   21.90   21.67
  30.   42.93   39.12   34.68   26.95   24.00   23.65   22.97   22.47   22.27   23.32   26.80   22.20   22.00   21.67
  35.   48.56   47.32   43.41   29.39   24.92   23.85   23.10   22.55   22.17   23.63   27.65   22.10   21.92   21.85
  40.   51.07   48.34   44.02   30.17   25.20   23.95   23.20   22.65   22.17   24.00   28.82   22.02   21.92   21.77
  45.   58.76   49.24   45.34   32.98   27.57   24.70   23.15   22.85   22.35   24.60   29.68   22.38   22.27   21.80
  50.   65.86   58.44   48.10   35.07   29.38   26.00   23.42   23.13   22.52   25.47   31.24   22.57   22.50   21.80
  55.   79.00   65.48   50.44   40.63   30.24   27.05   24.07   23.42   22.55   26.42   34.44   22.82   22.70   21.92
  60.   87.59   74.49   55.63   44.34   31.95   29.10   24.82   23.77   23.17   27.95   37.71   23.47   23.32   22.15
  65.  103.15   88.64   65.90   53.88   37.56   30.46   25.42   24.45   23.35   29.90   40.34   23.97   24.00   22.49
  70.  111.32   97.07   82.12   59.07   39.39   33.73   23.67   25.70   24.55   31.34   43.66   24.75   24.70   22.67.
  75.  129.68  121.34   92.43   58.95   44.93   38.71   23.27   26.13   25.35   33.51   46.73   24.90   24.70   23.07
  80.  150.10  138.35   96.50   58.69   45.10   41.54   31.41   27.70   25.35   35.88   50.61   25.92   25.62   23.47
  85.  154.25  139.38  103.88   65.40   48.24   40.32   32.49   29.10   27.75   39.19   55.88   27.32   27.92   24.32
  90.  182.88  159.92  116.46   70.05   51.49   47.54   33.56   29.93   28.72   45.19   61.95   27.70   27.80   24.80
  95.  204.37  183.45  129.78   70.44   57.66   50.49   35.39   30.02   30.35   52.19   69.73   29.27   29.25   24.92
 100.  232.72  202.88  146.02   70.54   61.50   54.29   37.66   31.78   30.12   57.17   78.66   29.95   29.70   25.42
 105.  242.00  201.95  149.32   76.29   65.00   56.03   35.29   32.90   31.17   62.55   85.09   30.66   30.63   25.88
 110.  256.17  229.60  172.05   79.48   72.12   55.27   35.80   33.15   31.49   72.34   92.95   30.02   30.05   26.63
 115.  280.05  240.05  166.82   83.67   77.83   56.83   33.46   35.66   33.19   76.54  104.49   32.85   32.07   27.22
 120.  274.46  243.44  173.60   86.00   80.86   60.71   43.27   36.37   37.58   78.62  111.56   34.10   34.19   28.02
 125.  302.90  268.78  182.47   87.67   86.55   73.05   44.46   36.61   37.49   88.45  121.93   33.88   33.27   28.65
 130.  313.78  268.68  201.56   88.29   90.48   72.95   45.10   37.02   39.49   96.62  127.44   34.93   33.71   29.00
 135.  338.56  294.34  218.40   88.24   89.31   75.51   45.85   37.49   40.56  104.17  139.32   34.68   34.05   29.75
 140.  312.55  294.71  228.41  100.85  104.19   80.21   43.95   41.24   42.46  111.24  147.95   37.83   37.88   29.61
 145.  344.17  296.37  255.10  100.78  110.00   85.79   53.95   41.78   40.73  115.61  155.92   36.83   37.12   30.37
 150.  326.17  290.83  230.05  105.85  106.90   93.00   52.39   40.88   39.58  112.88  160.92   36.39   35.88   30.88
 155.  345.54  303.95  228.44  115.19  105.98   83.98   54.10   41.78   42.71  117.39  165.38   40.71   39.66   31.37
 160.  325.74  314.44  256.00  125.95  119.54   90.79   43.54   43.66   45.32  112.24  172.15   40.66   39.00   32.24
 165.  321.48  309.49  237.63  135.22  124.76   97.29   54.29   41.80   47.56  121.78  176.85   38.17   36.98   32.80
 170.  347.83  312.05  239.61  128.49  134.35   91.45   52.27   43.34   46.46  119.44  183.27   42.95   41.49   33.22
 175.  349.48  309.19  253.71  129.80  117.71  100.41   55.51   44.22   45.51  126.63  185.05   42.51   41.46   33.76
 180.  362.74  313.61  268.02  135.42  120.54   87.76   55.51   42.71   47.54  136.85  189.32   39.54   40.41   34.44
 185.  345.54  309.49  250.58  142.10  136.60  100.54   57.61   44.29   47.37  137.30  193.77   41.56   41.85   34.76
 190.  323.90  304.32  260.05  145.65  121.66   93.43   53.83   48.54   49.39  136.90  197.67   43.32   44.56   35.24
 195.  347.15  310.51  247.41  139.15  109.22   93.00   63.07   48.85   51.41  134.72  199.70   44.34   42.68   36.12
 200.  348.74  310.00  252.02  153.92  127.90   96.24   53.80   50.80   49.78  136.25  202.15   47.68   47.15   36.63
 205.  346.22  313.07  253.00  153.15  120.85   92.21   62.33   47.12   52.37  136.50  199.12   48.19   48.46   37.37
 210.  343.78  318.05  260.71  146.63  111.46   90.81   59.67   56.46   52.35  137.57  202.41   45.05   48.83   37.83
 215.  346.86  311.80  256.95  154.13  137.75  117.10   63.86   46.76   47.35  137.38  204.78   43.22   42.44   38.00
 220.  344.51  309.27  262.80  174.95  127.17  109.46   64.57   52.68   49.49  149.47  206.56   46.41   46.27   38.34
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TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
225.	341.59	311.86	250.07	176.05	140.15	108.68	65.21	55.32	49.33	142.90	213.92	47.44	49.39	39.44
230.	344.44	310.59	267.19	175.60	145.75	113.83	65.26	53.78	50.34	140.38	216.92	48.19	47.29	40.44
235.	339.78	312.22	282.80	173.77	133.85	108.02	67.05	49.95	49.32	142.35	219.47	47.71	47.29	40.56
240.	347.78	302.49	254.24	170.70	152.55	116.90	65.02	56.24	50.08	136.13	222.30	49.34	48.24	41.27
245.	330.17	318.93	276.63	168.40	135.92	97.14	60.73	49.61	55.30	137.50	221.72	48.17	47.34	41.34
250.	326.93	317.12	258.66	162.97	129.44	104.27	65.31	56.61	53.51	145.47	223.72	48.22	48.37	41.73
255.	344.00	304.15	273.12	152.25	147.00	93.81	65.79	55.78	55.49	141.65	224.67	49.51	51.15	42.10
260.	355.64	310.76	269.66	147.72	137.00	96.26	70.78	58.05	55.34	139.70	225.27	52.10	51.27	42.46
265.	340.49	317.49	279.27	136.13	119.68	93.24	65.69	57.34	57.37	145.00	226.55	51.41	50.76	42.49
270.	326.67	292.14	256.73	147.52	114.61	94.09	65.86	59.88	57.17	146.22	227.80	53.32	53.93	43.41
275.	329.21	305.00	247.15	150.15	115.17	91.88	64.69	59.69	57.37	149.97	228.20	50.71	47.61	43.88
280.	321.55	294.21	254.10	155.45	125.46	103.22	71.63	53.54	56.05	147.27	229.60	46.63	46.66	43.80
285.	326.81	308.12	269.12	149.27	134.22	106.76	70.66	55.95	53.24	142.42	230.97	51.58	49.32	43.37
290.	349.09	307.83	266.27	148.12	120.73	111.32	75.32	56.85	55.12	148.42	232.15	50.73	50.51	43.54
295.	339.17	291.68	254.61	148.75	127.34	95.86	73.39	58.00	57.30	150.42	233.32	52.83	52.19	43.68
300.	316.81	314.95	271.95	146.95	120.83	105.41	75.46	58.05	57.54	152.92	228.93	52.22	50.63	44.37
305.	352.98	308.34	263.29	150.45	138.67	108.29	71.00	56.27	52.56	144.63	228.83	47.34	47.29	44.24
310.	326.43	313.58	259.78	146.38	127.73	96.95	72.66	58.50	58.10	150.52	229.58	54.61	53.61	44.46
315.	345.00	317.68	276.27	137.02	124.39	101.61	73.46	62.74	58.31	150.77	230.54	53.85	54.63	44.49
320.	345.24	312.95	257.90	137.47	111.29	101.02	71.07	58.79	60.26	149.45	231.12	55.10	53.76	45.51
325.	312.83	297.76	267.76	148.95	135.02	104.41	72.88	58.12	58.43	146.57	230.95	53.58	52.83	46.12
330.	330.05	296.44	267.98	144.22	126.68	106.88	70.93	58.24	57.27	144.97	231.88	48.73	49.63	46.15
335.	341.54	297.49	250.51	137.10	129.37	93.17	65.26	58.98	58.33	146.00	232.93	51.17	50.90	46.27
340.	330.05	305.54	261.85	140.45	133.85	108.44	72.63	62.12	60.38	142.45	233.76	56.34	56.51	46.10
345.	329.69	302.29	265.61	139.07	119.63	100.66	67.62	61.64	58.49	150.27	233.76	52.98	50.05	46.49
350.	349.86	312.78	264.07	151.50	137.82	87.79	70.66	60.02	60.05	152.92	234.24	55.80	56.39	47.05
355.	345.93	314.56	255.93	154.97	138.50	96.90	77.07	60.86	59.40	151.88	235.24	56.37	55.15	47.61
360.	330.21	312.54	269.90	145.35	125.15	100.07	74.95	60.95	59.71	148.32	236.02	52.85	53.07	48.07
365.	340.27	293.55	247.24	156.80	143.47	114.24	70.22	59.40	60.54	147.50	236.15	55.39	54.02	48.02
370.	341.41	307.19	271.27	164.57	139.77	103.05	60.56	59.24	59.21	145.00	236.78	57.93	57.07	47.95
375.	325.38	315.32	272.41	163.97	140.75	94.71	70.05	59.45	58.00	151.52	237.17	53.78	53.27	47.51
380.	326.17	291.57	262.95	167.27	133.37	96.21	73.24	63.90	58.30	155.13	238.68	53.46	52.73	47.32
385.	327.19	311.54	255.78	161.90	142.47	102.12	70.51	61.79	59.14	147.32	239.80	56.93	55.12	47.56
390.	311.62	311.02	274.61	157.27	142.92	105.56	70.93	56.07	60.17	149.17	239.54	55.27	53.61	47.73
395.	341.46	312.56	275.98	152.40	140.55	95.67	60.83	60.74	61.24	151.72	240.34	58.80	58.27	48.19
400.	340.49	309.76	274.68	158.22	110.46	95.43	73.27	65.45	64.05	151.20	242.05	59.38	61.09	49.58
405.	324.14	292.31	265.93	160.42	127.44	100.24	77.27	67.76	67.07	160.97	242.27	58.58	62.64	50.17
410.	325.93	291.78	264.19	155.05	122.29	97.45	72.78	69.90	64.09	161.45	243.58	59.17	58.48	50.12
415.	354.43	288.93	251.24	157.62	138.32	97.33	73.66	61.76	65.40	165.65	243.88	60.45	56.27	50.63
420.	317.55	305.34	273.54	155.92	138.85	103.00	73.32	63.31	63.05	157.20	244.19	59.21	59.33	50.93
425.	317.52	316.68	278.80	154.75	133.45	106.98	73.93	66.29	63.08	156.85	245.66	63.14	59.17	51.24
430.	346.27	314.17	271.15	153.27	140.47	107.12	77.41	62.88	61.19	161.22	246.71	53.90	52.22	51.15
435.	323.71	292.38	248.95	161.42	148.42	113.63	73.41	58.19	61.38	169.47	246.80	57.32	56.56	50.85
440.	312.74	303.46	275.17	167.13	135.30	120.00	81.86	59.09	64.59	168.25	248.15	58.57	57.10	50.90
445.	322.26	294.07	264.90	150.82	148.70	116.54	81.95	67.21	66.05	167.50	249.15	61.64	62.07	52.02
450.	348.07	316.10	278.19	159.75	133.47	109.68	70.69	66.12	63.21	163.47	249.10	58.38	58.37	52.32
455.	327.81	304.15	267.10	164.15	147.45	123.51	73.79	64.45	66.30	166.95	250.56	57.49	56.61	52.02
460.	326.62	306.80	282.78	176.25	147.38	124.24	74.71	58.61	60.21	172.62	250.90	57.02	55.58	51.63
465.	348.41	311.12	278.39	194.10	165.27	117.51	75.39	61.02	62.71	167.75	251.17	58.74	55.63	51.44
470.	347.68	310.58	272.51	191.67	160.52	111.56	80.14	66.90	62.57	169.72	251.61	58.12	58.95	51.29

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TIME       14       15       16       17       18       19       20       21       22       23       24       25       26       27
 475.   324.09   311.76   287.83   174.62   159.75   124.10    73.27    66.50    65.48   164.80   252.39    59.95    58.38    51.71
 480.   324.31   316.95   285.07   162.72   142.60   106.90    73.62    70.66    70.54   160.72   252.41    66.14    63.05    52.51
 485.   325.38   311.76   281.90   160.05   141.07   103.05    73.95    72.76    74.22   167.72   253.41    63.76    66.02    53.00
 490.   328.00   293.50   260.83   156.00   150.07   105.54    77.68    71.68    72.30   156.30   253.29    65.71    64.33    54.05
 495.   316.39   293.37   255.71   159.77   149.97   109.12    73.02    71.80    66.79   161.27   252.88    61.43    60.29    55.32
 500.   339.29   313.27   256.76   158.88   145.05   109.98    75.76    66.52    66.38   163.32   252.71    62.14    62.43    55.07
 505.   315.05   302.22   272.15   158.40   141.82   103.22    77.22    72.29    64.19   158.45   252.54    62.12    58.55    54.63
 510.   315.09   293.95   261.95   156.40   140.10   105.58    75.24    66.74    72.35   159.95   251.51    65.21    62.19    55.22
 515.   320.29   291.12   253.58   156.00   152.25   113.58    75.78    62.81    61.12   157.17   249.90    55.49    52.44    54.90
 520.   319.12   303.05   257.54   144.82   139.30   106.90    73.58    72.73    66.35   144.25   249.80    62.69    62.19    54.02
 525.   311.05   284.05   253.02   157.05   145.50   101.24    73.67    60.43    64.50   153.15   249.51    54.00    53.76    53.68
 530.   321.45   291.10   250.12   148.82   143.35    97.50    77.07    67.33    63.19   158.52   240.17    58.00    57.98    53.07
 535.   314.83   275.24   250.24   141.25   138.27   105.41    75.24    64.98    62.36   162.02   247.51    61.12    58.73    52.80
 540.   309.46   279.22   249.93   143.60   129.71   102.02    75.24    64.67    64.48   158.67   245.58    61.90    61.29    52.95
 545.   302.56   281.05   254.24   159.42   140.95   106.83    73.88    59.55    59.30   149.42   245.00    57.56    56.37    52.24
 550.   312.33   274.46   229.24   159.67   127.54    92.62    63.80    66.17    64.76   156.45   244.27    58.40    58.48    52.66
 555.   294.66   270.10   240.95   159.38   123.46   100.41    73.15    63.74    64.12   149.80   243.00    60.43    59.74    52.66
 560.   290.93   278.41   245.93   150.05   129.73   106.58    73.86    60.17    66.30   148.60   242.32    57.73    56.37    53.71
 565.   288.27   276.83   240.54   152.75   126.80   104.05    77.93    62.69    64.19   150.37   240.78    62.52    58.76    53.27
 570.   294.12   284.68   249.44   143.52   133.85   108.68    77.00    67.21    66.48   146.22   240.12    65.93    63.62    53.32
 575.   290.88   288.54   233.22   141.10   134.90   111.83    73.61    70.98    60.24   145.17   238.85    62.14    58.07    53.05
 580.   304.80   264.54   223.12   141.32   133.37    91.74    77.22    63.19    65.54   144.47   237.76    58.95    50.29    52.98
 585.   292.09   271.12   239.12   155.13   120.54    90.95    73.83    61.69    62.38   142.92   236.29    57.32    54.95    53.19
 590.   279.41   250.73   204.05   147.80   119.17   106.27    73.10    63.33    58.14   149.47   234.66    59.02    58.54    52.83
 595.   273.63   252.32   218.27   154.82   127.07   119.63    81.88    67.36    61.36   138.02   232.15    58.83    58.93    53.46
 600.   268.10   250.17   218.07   161.22   126.98   113.12    73.00    63.21    58.26   137.30   230.49    59.38    58.14    53.37
 605.   264.61   247.85   231.00   159.07   137.75   109.56    75.98    69.61    62.59   136.57   227.83    57.54    59.05    54.10
 610.   258.88   246.85   207.07   161.42   134.17   105.46    73.00    69.95    61.14   136.85   231.80    58.98    53.79    53.51
 615.   259.05   234.46   202.50   157.80   125.66   111.71    77.76    62.00    58.40   129.07   229.38    57.15    54.93    53.41
 620.   248.95   231.95   185.67   146.20   140.77   113.17    73.39    67.71    61.14   134.50   227.85    61.29    61.31    53.98
 625.   241.39   230.97   190.80   127.34   141.60   111.76    85.36    66.59    58.40   128.22   225.57    57.90    57.95    54.63
 630.   243.80   232.90   198.05   135.45   124.71   106.02    73.09    71.32    60.79   121.34   223.35    55.73    56.88    55.02
 635.   237.49   230.80   193.17   137.40   123.85    94.26    75.44    70.46    58.35   116.54   221.72    60.17    59.00    53.98
 640.   232.46   217.82   187.30   136.97   120.66   101.39    73.40    67.38    59.52   116.93   219.75    56.12    57.02    53.19
 645.   227.67   214.17   186.65   126.29   123.95    94.79    73.85    62.52    55.35   122.10   217.82    58.00    56.34    52.37
 650.   230.85   214.27   187.85   124.58   117.80    95.02    64.50    59.55    56.56   116.41   216.07    55.00    55.54    52.05
 655.   228.32   215.22   174.85   133.65   126.00   101.02    65.00    57.80    57.76   116.73   214.42    55.66    54.58    51.80
 660.   223.30   205.71   190.92   135.50   124.98   101.51    73.56    62.93    58.93   117.80   207.34    58.41    57.66    52.12
 665.   215.85   201.71   171.05   136.63   119.85    95.07    75.58    64.93    60.29   117.17   205.02    60.02    59.02    53.00
 670.   218.75   202.98   167.55   147.85   120.19   102.61    73.48    67.62    62.14   121.19   203.00    61.40    58.67    54.12
 675.   216.90   198.25   168.67   147.35   136.15   107.71    85.64    70.39    60.39   126.58   201.24    59.64    58.71    54.80
 680.   202.02   191.87   163.72   147.95   134.82   108.95    82.74    72.78    63.26   122.07   199.56    62.98    61.69    55.76
 685.   201.38   189.52   163.07   139.95   128.78   100.15    73.02    72.24    63.36   117.98   202.92    60.88    60.83    56.54
 690.   198.61   186.50   155.22   136.05   134.13   104.95    77.24    70.56    65.14   110.68   201.27    62.76    63.69    57.39
 695.   202.80   185.95   153.72   137.20   127.32   103.07    77.71    66.36    64.57   107.27   199.72    60.62    61.69    57.49
 700.   199.42   189.95   154.15   129.02   126.10    92.12    74.61    61.62    56.56   110.90   198.38    53.68    51.83    56.15
 705.   196.02   187.35   150.67   129.19   116.49    95.36    72.95    60.17    57.34   112.29   197.00    54.51    53.85    54.71
 710.   192.65   174.02   150.40   129.46   118.88    94.64    73.63    61.06    57.12   112.54   195.55    53.05    53.49    53.61
 715.   188.67   178.87   151.17   125.83   114.85    90.24    72.83    61.14    58.53   108.78   194.35    57.63    56.12    53.27
 720.   185.32   170.30   151.92   122.41   109.32    92.86    72.63    61.88    58.27   108.63   192.95    58.29    55.44    53.29
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TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
 725.   185.15   171.02   142.92   117.80   115.56    92.50    71.32    62.83    58.53   111.39   191.82    58.09    57.63    53.34
 730.   191.00   171.13   126.83   112.15   112.88    89.95    65.45    58.79    56.46   109.80   190.63    56.58    53.83    53.66
 735.   189.72   163.77   125.15   114.85   113.51    87.17    64.50    58.81    58.32   110.12   189.50    56.95    56.32    54.19
 740.   178.30   159.38   128.90   117.95   109.05    92.57    63.29    57.98    57.29   107.10   188.30    55.15    53.83    53.78
 745.   181.30   165.45   138.30   118.61   114.88    85.26    64.31    60.00    57.27   107.46   187.12    57.78    55.98    53.34
 750.   180.92   157.38   139.50   115.27   105.27    80.07    63.40    59.17    58.24   109.37   185.92    55.83    54.37    53.32
 755.   179.37   165.95   139.17   118.07   110.15    82.38    67.71    58.45    55.78   106.95   185.00    53.00    52.19    52.78
 760.   177.07   164.52   142.70   123.66   100.34    79.46    65.31    58.78    55.93   108.34   184.02    55.56    54.80    52.12
 765.   171.60   154.52   126.10   120.29   104.83    81.69    63.67    59.29    55.93   104.10   183.05    54.85    53.17    51.90
 770.   170.27   146.07   126.22   111.17   100.27    83.64    64.67    60.74    55.33   102.22   182.07    55.93    53.03    51.61
 775.   161.85   146.82   125.68   106.27    90.36    80.62    64.79    61.62    57.30   103.80   181.25    58.98    55.34    51.32
 780.   166.00   156.72   121.56   109.44   101.46    79.88    63.62    61.00    58.22   105.66   180.15    58.83    56.56    51.76
 785.   161.65   149.42   119.98   106.85   100.85    78.45    63.38    59.33    57.19   105.98   179.13    56.00    55.44    52.00
 790.   165.02   157.22   116.85   105.24    92.76    77.15    62.57    59.05    57.10   100.02   178.22    53.73    53.46    51.83
 795.   165.95   154.22   112.46    96.64    94.79    78.17    64.07    58.83    55.38    93.36   177.40    55.71    53.54    51.71
 800.   161.30   151.80   120.10    96.21    88.45    76.61    62.05    58.00    56.39    96.93   176.57    53.80    53.63    51.29
 805.   150.90   140.88   116.98   103.46    91.19    74.78    61.57    58.29    57.17   102.63   175.67    54.93    56.27    51.15
 810.   156.30   141.13   115.54   105.39    87.62    78.63    62.12    58.00    56.71   102.93   175.02    53.73    52.10    51.32
 815.   161.38   129.22   114.58   105.95    89.12    77.37    63.36    60.40    56.93   100.68   174.50    55.95    54.07    52.07
 820.   161.25   149.20   110.71   102.54    86.12    72.83    63.14    58.76    59.50    95.33   173.32    54.73    56.07    52.78
 825.   155.92   146.77   107.98   105.39    87.26    76.22    63.26    58.33    57.76    95.74   172.55    55.71    55.19    52.51
 830.   138.60   136.65   112.12   105.85    93.57    77.73    61.52    58.98    57.56    91.52   171.88    54.95    55.12    52.56
 835.   129.98   125.83   114.61   109.15    94.88    75.71    63.74    59.05    56.73    91.36   171.52    54.93    54.58    52.78
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TIME	28	29	30	31	32	33	34	35	35	37	38	39	40	41
0.	22.22	22.25	19.43	10088.85	-0.01	-0.01	-0.02	0.13	0.00	0.00	0.00	0.00	21.00	0.31
0.	22.25	22.25	29.64	10088.85	-0.01	-0.01	-0.02	0.03	0.00	0.00	0.00	0.00	21.10	0.50
0.	22.10	22.32	40.13	10117.69	-0.01	-0.01	-0.02	0.12	0.00	0.00	0.00	0.00	21.10	-0.94
0.	22.12	22.27	50.36	10175.39	-0.01	-0.01	-0.02	0.14	0.00	0.00	0.00	0.00	21.10	-2.65
0.	22.12	22.15	59.63	10146.55	-0.01	-0.01	-0.02	-0.21	0.00	0.00	0.00	0.00	21.10	0.47
0.	22.22	22.17	69.85	10204.24	-0.01	-0.01	-0.02	-0.19	0.00	0.00	0.00	0.00	21.10	2.39
5.	22.65	22.60	10.16	10224.44	-0.00	-0.04	-0.02	-0.19	0.00	0.00	0.00	0.00	21.04	1.70
10.	23.20	23.00	19.42	10146.55	-0.01	-0.02	-0.01	0.42	0.00	0.00	0.00	0.00	21.03	1.86
15.	23.55	23.63	29.65	10117.69	-0.01	-0.02	-0.00	-0.11	0.00	0.00	0.00	0.00	21.03	1.60
20.	23.20	23.22	40.13	10204.24	-0.01	-0.01	0.00	-0.19	0.00	0.00	0.00	0.00	20.88	3.34
25.	23.17	23.40	50.37	10117.69	-0.01	-0.00	0.00	-0.27	0.00	0.00	0.00	0.00	20.66	2.84
30.	23.90	23.80	59.63	10146.55	-0.01	0.90	0.01	-0.38	0.00	0.00	0.00	0.00	20.69	2.80
35.	24.90	24.88	69.86	10175.39	-0.00	0.01	0.01	-0.46	0.00	0.00	0.00	0.00	20.62	2.63
40.	23.85	24.55	10.17	10201.36	0.00	0.03	0.04	1.36	0.00	0.00	0.00	0.00	20.56	2.76
45.	27.92	27.42	19.43	10146.55	0.00	0.05	0.06	1.00	0.00	0.00	0.00	0.00	20.50	3.34
50.	29.58	29.45	29.66	10088.85	0.01	0.06	0.09	-0.18	0.00	0.00	0.00	0.00	20.30	2.91
55.	30.85	29.77	40.15	10059.99	0.01	0.09	0.13	-0.40	0.00	0.00	0.00	0.00	20.27	4.07
60.	31.54	30.95	50.36	10117.69	0.02	0.11	0.14	-0.51	0.00	0.00	0.00	0.00	20.10	4.01
65.	35.71	36.88	59.63	9973.44	0.03	0.14	0.21	-0.66	0.00	0.00	0.00	0.00	19.75	3.47
70.	40.15	38.49	69.87	10002.30	0.04	0.17	0.25	-0.63	0.00	0.00	0.00	0.00	19.69	7.56
75.	42.49	43.61	10.17	9993.64	0.05	0.19	0.26	2.44	0.00	0.00	0.00	0.00	19.40	5.43
80.	42.07	41.76	19.44	9915.74	0.08	0.23	0.32	1.74	0.00	0.00	0.00	0.00	19.27	8.63
85.	42.34	42.00	29.66	9915.74	0.11	0.28	0.37	0.25	0.00	0.00	0.00	0.00	19.04	6.13
90.	41.85	41.27	40.14	9742.64	0.15	0.33	0.48	-0.59	0.00	0.00	0.00	0.00	18.81	9.69
95.	43.17	43.19	50.36	9604.94	0.18	0.38	0.56	-0.59	0.00	0.00	0.00	0.00	18.40	9.47
100.	45.93	44.56	59.63	9598.39	0.22	0.44	0.69	-0.72	0.00	0.00	0.00	0.00	17.99	9.49
105.	46.44	52.19	69.86	9540.69	0.26	0.49	0.87	-0.72	0.00	0.00	0.00	0.00	17.45	11.83
110.	47.78	53.15	10.18	9503.19	0.29	0.54	0.85	3.60	0.00	0.00	0.00	0.00	17.03	9.12
115.	47.51	51.78	19.44	9396.44	0.32	0.57	0.94	2.76	0.00	0.00	0.00	0.00	16.50	8.85
120.	52.22	58.90	29.66	9309.89	0.35	0.61	0.99	0.08	0.00	0.00	0.00	0.00	16.09	12.70
125.	56.00	60.36	40.15	9252.19	0.40	0.63	1.07	-0.59	0.00	0.00	0.00	0.00	15.71	9.21
130.	54.98	62.33	50.37	9107.94	0.42	0.68	1.21	-0.71	0.00	0.00	0.00	0.00	15.47	10.05
135.	58.12	61.74	59.64	9021.39	0.47	0.70	1.15	-0.71	0.00	0.00	0.00	0.00	15.22	11.67
140.	63.19	70.34	69.86	8905.99	0.49	0.75	1.32	-0.72	0.00	0.00	0.00	0.00	14.97	6.98
145.	62.55	70.90	10.17	8862.72	0.51	0.77	1.39	3.91	0.00	0.00	0.00	0.00	14.73	11.35
150.	59.88	71.54	19.44	8704.05	0.52	0.77	1.32	3.06	0.00	0.00	0.00	0.00	14.48	9.64
155.	64.14	67.14	29.66	8559.80	0.53	0.77	1.32	0.70	0.00	0.00	0.00	0.00	14.42	12.48
160.	67.29	77.86	40.14	8473.24	0.56	0.80	1.35	-0.67	0.00	0.00	0.00	0.00	14.43	10.62
165.	72.98	76.39	50.36	8300.14	0.57	0.79	1.41	-0.80	0.00	0.00	0.00	0.00	14.49	10.89
170.	72.07	79.24	59.63	8213.59	0.59	0.78	1.39	-0.05	0.00	0.00	0.00	0.00	14.37	11.71
175.	77.78	90.76	69.85	8127.05	0.58	0.79	1.43	-0.06	0.00	0.00	0.00	0.00	14.34	11.58
180.	72.95	76.76	10.17	8046.27	0.60	0.78	1.39	4.00	0.00	0.00	0.00	0.00	14.33	8.75
185.	75.15	85.38	19.43	7896.24	0.60	0.78	1.40	3.11	0.00	0.00	0.00	0.00	14.30	10.00
190.	78.05	84.07	29.65	7809.69	0.59	0.78	1.38	0.55	0.00	0.00	0.00	0.00	14.37	8.48
195.	71.68	72.95	40.13	7694.30	0.59	0.77	1.34	-0.70	0.00	0.00	0.00	0.00	14.52	15.09
200.	77.58	81.40	50.36	7636.60	0.60	0.76	1.36	-0.80	0.00	0.00	0.00	0.00	14.56	12.45
205.	79.45	77.76	59.63	7521.19	0.59	0.75	1.38	-0.94	0.00	0.00	0.00	0.00	14.63	9.66
210.	75.63	76.63	69.86	7434.64	0.60	0.75	1.34	-0.94	0.00	0.00	0.00	0.00	14.76	9.60
215.	79.02	81.76	10.17	7365.40	0.61	0.75	1.39	4.12	0.00	0.00	0.00	0.00	14.84	13.40
220.	77.90	81.24	19.44	7232.69	0.61	0.75	1.33	3.37	0.00	0.00	0.00	0.00	14.78	8.36

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TIME         28        29        30       31        32        33        34        35        35        37        38        39        40        41
 225.     90.79     90.17     29.66  7088.44      0.64      0.75      1.35      0.88      0.30      0.00      0.00      0.00     14.89      8.91
 230.     85.36     92.07     40.15  7030.74      0.63      0.74      1.41     -0.79      0.30      0.00      0.00      0.00     15.01     10.76
 235.     79.21     84.26     50.37  6886.49      0.63      0.75      1.39     -0.88      0.30      0.00      0.00      0.00     15.05     12.16
 240.     87.55     95.67     59.64  6742.24      0.63      0.75      1.44     -0.90      0.30      0.00      0.00      0.00     14.94     11.81
 245.     81.95     86.26     69.86  6713.39      0.63      0.74      1.40     -0.97      0.30      0.00      0.00      0.00     15.00      9.01
 250.     93.48    102.05     10.17  6649.93      0.64      0.72      1.36      4.18      0.30      0.00      0.00      0.00     15.18      9.74
 255.     81.31     90.88     19.44  6482.60      0.63      0.73      1.37      3.12      0.30      0.00      0.00      0.00     15.06     11.19
 260.     82.67     83.76     29.67  6424.89      0.63      0.71      1.31      0.86      0.30      0.00      0.00      0.00     15.07     10.44
 265.     75.24     78.26     40.15  6309.49      0.63      0.72      1.38     -0.67      0.30      0.00      0.00      0.00     15.15     10.50
 270.     78.34     78.19     50.37  6222.94      0.64      0.71      1.37     -0.79      0.30      0.00      0.00      0.00     15.24     14.61
 275.     82.95     80.52     59.63  6136.39      0.63      0.69      1.30     -0.95      0.30      0.00      0.00      0.00     15.36     10.54
 280.     80.26     80.40     69.86  6049.84      0.63      0.69      1.29     -0.94      0.30      0.00      0.00      0.00     15.45      7.34
 285.     81.24     85.90     10.17  6003.68      0.63      0.69      1.35      4.05      0.30      0.00      0.00      0.00     15.53     10.37
 290.     79.05     82.24     19.43  5847.89      0.63      0.70      1.37      3.10      0.30      0.00      0.00      0.00     15.47     11.75
 295.     78.90     82.29     29.66  5761.35      0.63      0.69      1.35      0.66      0.30      0.00      0.00      0.00     15.59     14.97
 300.     88.14     91.67     40.14  5674.80      0.63      0.69      1.32     -0.80      0.30      0.00      0.00      0.00     15.61     12.67
 305.     80.88     87.59     50.36  5588.24      0.64      0.68      1.28     -0.85      0.30      0.00      0.00      0.00     15.71      7.68
 310.     88.90     84.64     59.62  5530.55      0.63      0.68      1.29     -0.89      0.30      0.00      0.00      0.00     15.59     10.86
 315.     81.26     83.38     69.85  5415.14      0.64      0.68      1.32     -0.87      0.30      0.00      0.00      0.00     15.70      8.39
 320.     73.44     77.98     10.17  5392.06      0.63      0.68      1.37      4.14      0.30      0.00      0.00      0.00     15.71     11.64
 325.     85.67     83.26     19.43  5242.05      0.63      0.67      1.27      3.29      0.30      0.00      0.00      0.00     15.71     12.53
 330.     83.62     82.55     29.66  5213.19      0.62      0.66      1.25      0.18      0.30      0.00      0.00      0.00     15.75      9.66
 335.     84.09     83.88     40.13  5097.80      0.63      0.67      1.28     -0.81      0.30      0.00      0.00      0.00     15.92     10.27
 340.     81.48     83.71     50.35  4982.39      0.63      0.66      1.34     -0.80      0.30      0.00      0.00      0.00     15.93     11.18
 345.     79.26     85.45     59.63  4924.69      0.63      0.66      1.29     -0.94      0.30      0.00      0.00      0.00     15.95     10.15
 350.     88.62     85.76     69.85  4838.14      0.64      0.66      1.34     -0.95      0.30      0.00      0.00      0.00     15.92     14.58
 355.     89.38     90.55     10.17  4832.38      0.63      0.66      1.26      4.07      0.30      0.00      0.00      0.00     15.96      9.67
 360.     90.12     89.45     19.43  4665.05      0.64      0.64      1.25      3.24      0.30      0.00      0.00      0.00     16.00     10.45
 365.     90.38     94.02     29.66  4636.19      0.64      0.64      1.29      0.81      0.30      0.00      0.00      0.00     16.03      9.95
 370.     83.62     93.55     40.14  4578.49      0.64      0.64      1.27     -0.65      0.30      0.00      0.00      0.00     16.07      9.12
 375.    101.41    100.46     50.36  4463.10      0.65      0.65      1.32     -0.88      0.30      0.00      0.00      0.00     16.08     12.57
 380.     92.74     87.81     59.63  4405.39      0.65      0.64      1.28     -1.01      0.30      0.00      0.00      0.00     16.14     10.49
 385.    102.02     95.43     69.86  4347.69      0.65      0.64      1.27     -0.91      0.30      0.00      0.00      0.00     16.13      8.30
 390.     84.09     90.67     10.17  4275.57      0.65      0.65      1.36      4.02      0.30      0.00      0.00      0.00     16.12      9.43
 395.    104.98     96.93     19.43  4145.74      0.65      0.65      1.33      3.06      0.30      0.00      0.00      0.00     16.12      7.40
 400.     86.33     87.12     29.66  4088.05      0.66      0.64      1.27      0.74      0.30      0.00      0.00      0.00     16.07      8.94
 405.     88.86     86.98     40.14  4001.49      0.66      0.63      1.34     -0.72      0.30      0.00      0.00      0.00     16.08      9.76
 410.     85.36     86.07     50.37  3989.96      0.66      0.63      1.36     -0.95      0.30      0.00      0.00      0.00     16.17     10.59
 415.     92.29     94.14     59.63  3920.72      0.67      0.64      1.41     -0.87      0.30      0.00      0.00      0.00     16.16      9.83
 420.     92.40     89.40     69.87  3888.98      0.67      0.63      1.37     -0.99      0.30      0.00      0.00      0.00     16.17     13.05
 425.     96.93    101.34     10.17  3782.24      0.69      0.63      1.35      4.03      0.30      0.00      0.00      0.00     16.22     10.09
 430.    101.27     95.50     19.44  3672.61      0.67      0.63      1.27      3.22      0.30      0.00      0.00      0.00     16.18     11.59
 435.     94.98    100.61     29.66  3600.48      0.68      0.63      1.32      1.15      0.30      0.00      0.00      0.00     16.20      7.69
 440.     83.31     88.48     40.14  3505.27      0.71      0.63      1.33     -0.78      0.30      0.00      0.00      0.00     16.26      9.31
 445.    100.17     93.02     50.38  3438.92      0.74      0.63      1.28     -0.87      0.30      0.00      0.00      0.00     16.22      9.16
 450.     94.07    104.27     59.64  3366.80      0.72      0.63      1.24     -1.01      0.30      0.00      0.00      0.00     16.04      8.03
 455.    104.15    105.93     69.86  3280.24      0.72      0.64      1.32     -1.09      0.30      0.00      0.00      0.00     16.10      8.56
 460.    108.60    107.22     10.17  3248.51      0.73      0.63      1.29      4.23      0.30      0.00      0.00      0.00     16.17      8.50
 465.    111.80    109.49     19.44  3136.00      0.73      0.63      1.26      3.14      0.30      0.00      0.00      0.00     16.20      8.80
 470.    118.93    108.61     29.67  3020.60      0.73      0.63      1.36      1.38      0.30      0.00      0.00      0.00     16.20      8.71
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+         28       29       30      31        32       33       34       35       35       37       38       39       40       41
475.    93.74   104.19   40.15  2991.75    0.72     0.63     1.37    -0.67     0.30     0.00     0.00     0.00    16.23     8.97
480.   107.27   102.85   50.37  2905.19    0.72     0.63     1.30    -0.91     0.30     0.00     0.00     0.00    16.36     8.32
435.   102.56   100.56   59.64  2847.50    0.72     0.63     1.34    -0.92     0.30     0.00     0.00     0.00    16.30    10.32
490.   108.17   102.27   69.86  2789.79    0.70     0.63     1.36    -0.90     0.30     0.00     0.00     0.00    16.28     7.52
495.   105.95   103.07   10.18  2766.72    0.70     0.62     1.25     4.04     0.30     0.00     0.00     0.00    16.37    11.14
500.   101.58   104.68   19.45  2703.25    0.69     0.60     1.21     3.23     0.30     0.00     0.00     0.00    16.36     8.97
505.    92.48    93.14   29.68  2671.51    0.69     0.60     1.29     0.80     0.30     0.00     0.00     0.00    16.47     9.73
510.    90.93   103.61   40.16  2599.38    0.68     0.59     1.25    -0.71     0.30     0.00     0.00     0.00    16.52     8.57
515.   106.17   102.95   50.37  2524.37    0.66     0.58     1.13    -0.81     0.30     0.00     0.00     0.00    16.61     9.70
520.   110.56   108.00   59.63  2463.79    0.64     0.57     1.10    -0.96     0.30     0.00     0.00     0.00    16.67    11.93
525.   104.37   101.29   69.86  2388.78    0.64     0.57     1.20    -0.93     0.30     0.00     0.00     0.00    16.72     8.54
530.    93.40   103.37   10.17  2357.05    0.63     0.55     1.14     3.89     0.30     0.00     0.00     0.00    16.78     8.26
535.    88.62    94.12   19.44  2293.57    0.61     0.55     1.07     3.02     0.30     0.00     0.00     0.00    16.89     8.49
540.   108.19   102.34   29.66  2270.50    0.62     0.54     1.08     1.22     0.30     0.00     0.00     0.00    17.00     7.44
545.    87.67    95.17   40.14  2195.49    0.61     0.54     1.11    -0.70     0.30     0.00     0.00     0.00    17.05     7.70
550.    87.88    88.93   50.37  2157.98    0.60     0.53     1.02    -0.84     0.30     0.00     0.00     0.00    17.14     8.34
555.    93.40    90.02   59.62  2117.59    0.60     0.53     1.06    -0.97     0.30     0.00     0.00     0.00    17.14     8.48
560.    95.74    95.59   69.85  2074.32    0.60     0.53     1.10    -0.86     0.30     0.00     0.00     0.00    17.22     9.71
565.   102.46   101.51   10.17  2005.08    0.59     0.52     1.09     3.76     0.30     0.00     0.00     0.00    17.21     9.54
570.   106.39   108.17   19.44  1982.00    0.58     0.53     1.09     2.91     0.30     0.00     0.00     0.00    17.28    12.13
575.    95.79    94.86   29.66  1944.49    0.57     0.51     1.05     0.94     0.30     0.00     0.00     0.00    17.34     6.32
580.   102.34   104.32   40.14  2140.67    0.55     0.50     1.03    -0.64     0.30     0.00     0.00     0.00    17.38     6.49
585.   100.10    97.38   50.36  1647.33    0.50     0.49     1.00    -0.90     0.30     0.00     0.00     0.00    17.49    11.75
590.   106.46    97.36   59.64  1592.52    0.47     0.48     3.92    -0.97     0.30     0.00     0.00     0.00    17.53     8.42
595.   110.29   115.73   69.85  1595.41    0.47     0.47     3.90    -0.90     0.30     0.00     0.00     0.00    17.51     8.22
600.   106.44   112.10   10.17  1543.48    0.45     0.46     3.90     3.57     0.30     0.00     0.00     0.00    17.64     8.01
605.   126.32   115.63   19.43  1546.36    0.44     0.45     3.81     2.67     0.30     0.00     0.00     0.00    17.69     7.74
610.   113.95   111.17   29.66  1491.55    0.42     0.43     3.76     0.33     0.30     0.00     0.00     0.00    17.80     7.38
615.   104.02   120.17   40.13  1454.04    0.41     0.42     3.75    -0.72     0.30     0.00     0.00     0.00    17.94    10.83
620.   115.32   111.78   50.36  1419.42    0.42     0.42     3.80    -0.92     0.30     0.00     0.00     0.00    18.05     8.25
625.   101.85   105.49   59.63  1396.34    0.41     0.41     3.74    -0.97     0.30     0.00     0.00     0.00    18.10     8.53
630.   103.85   105.63   69.85  1422.30    0.39     0.40     3.71    -0.90     0.30     0.00     0.00     0.00    18.18     6.99
635.   107.90   107.22   10.17  1373.26    0.38     0.39     3.69     3.38     0.30     0.00     0.00     0.00    18.24     5.94
640.    96.48   105.68   19.43  1315.56    0.37     0.38     3.70     2.47     0.30     0.00     0.00     0.00    18.31     5.64
645.    97.24    97.21   29.65  1318.45    0.37     0.37     3.70     0.87     0.30     0.00     0.00     0.00    18.40     8.38
650.    92.67    94.59   40.14  1269.40    0.37     0.36     3.65    -0.65     0.30     0.00     0.00     0.00    18.44     7.84
655.   107.56   105.19   50.36  1252.09    0.35     0.36     3.63    -0.81     0.30     0.00     0.00     0.00    18.49     8.32
660.   100.49   109.41   59.63  1078.99    0.35     0.35     3.61    -0.99     0.30     0.00     0.00     0.00    18.53     9.14
665.   118.39   108.27   69.86  1081.87    0.32     0.34     3.57    -0.97     0.30     0.00     0.00     0.00    18.59     7.20
670.   101.66   106.05   10.17  1055.91    0.33     0.32     3.59     3.20     0.30     0.00     0.00     0.00    18.67     7.38
675.   124.54   116.15   19.43  1015.52    0.32     0.31     3.54     2.34     0.30     0.00     0.00     0.00    18.76     5.99
680.   116.85   118.54   29.66   992.44    0.31     0.31     3.57     0.58     0.30     0.00     0.00     0.00    18.85     5.25
685.   113.49   110.78   40.13  1024.18    0.31     0.30     3.55    -0.57     0.30     0.00     0.00     0.00    18.95     5.44
690.   118.63   110.93   50.35   995.33    0.30     0.29     3.53    -0.83     0.30     0.00     0.00     0.00    18.88     5.55
695.   100.76   103.32   59.62   966.47    0.30     0.29     3.53    -0.96     0.30     0.00     0.00     0.00    18.98     5.96
700.   106.07   106.00   69.85   934.74    0.29     0.29     3.52    -0.99     0.30     0.00     0.00     0.00    19.00     5.73
705.    96.88   100.76   10.17   960.71    0.29     0.28     3.47     2.98     0.30     0.00     0.00     0.00    19.01     5.20
710.   100.95   103.71   19.43   928.97    0.28     0.28     3.48     2.19     0.30     0.00     0.00     0.00    18.90     6.19
715.   102.88    95.69   29.65   905.89    0.28     0.27     3.47    -0.41     0.30     0.00     0.00     0.00    19.02     4.55
720.    88.40    90.31   40.13   885.70    0.28     0.27     3.51    -0.54     0.30     0.00     0.00     0.00    19.04     5.04
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PRC11-W-3-1/2                                                                                PAGE    12

TIME       28        29        30        31        32        33        34        35        35        37        38        39        40        41
 725.     95.95     92.71     50.35    885.70      0.27      0.27      0.48     -0.80      0.30      0.00      0.00      0.00     19.07      3.93
 730.     86.57     91.31     59.62    865.50      0.27      0.26      0.44     -0.91      0.30      0.00      0.00      0.00     19.11      4.58
 735.     94.05     93.36     69.85    833.77      0.26      0.26      0.49     -0.86      0.30      0.00      0.00      0.00     19.11      5.01
 740.     88.17     88.24     10.16    816.45      0.27      0.25      0.44      2.81      0.30      0.00      0.00      0.00     19.13      8.72
 745.    100.37     95.79     19.43    836.65      0.26      0.25      0.43      2.08      0.30      0.00      0.00      0.00     19.15      7.82
 750.     84.14     90.64     29.66    807.80      0.26      0.24      0.43      0.43      0.30      0.00      0.00      0.00     19.15      5.64
 755.     94.74     93.07     40.14    761.64      0.26      0.24      0.39     -0.54      0.30      0.00      0.00      0.00     19.18      6.86
 760.     96.31     91.09     50.36    781.84      0.25      0.23      0.40     -0.81      0.30      0.00      0.00      0.00     19.20      5.53
 765.     88.64     84.43     59.62    764.53      0.24      0.23      0.40     -0.90      0.30      0.00      0.00      0.00     19.24      7.23
 770.     85.59     81.57     69.85    735.67      0.24      0.23      0.41     -0.87      0.30      0.00      0.00      0.00     19.29      4.95
 775.     74.05     76.80     10.17    732.79      0.24      0.22      0.42      2.74      0.30      0.00      0.00      0.00     19.33      3.81
 780.     81.29     83.02     19.43    727.02      0.25      0.22      0.42      1.95      0.30      0.00      0.00      0.00     19.32      6.19
 785.     78.66     82.88     29.65    727.02      0.24      0.22      0.41      0.43      0.30      0.00      0.00      0.00     19.32      2.81
 790.     78.48     77.90     40.13    706.83      0.24      0.22      0.36     -0.59      0.30      0.00      0.00      0.00     19.33      5.69
 795.     81.19     80.40     50.35    715.48      0.23      0.22      0.37     -0.83      0.30      0.00      0.00      0.00     19.34      4.56
 800.     75.02     73.58     59.61    692.40      0.23      0.21      0.41     -0.91      0.30      0.00      0.00      0.00     19.24      5.28
 805.     76.02     76.39     69.85    698.17      0.23      0.21      0.36     -0.89      0.30      0.00      0.00      0.00     19.34      2.43
 810.     72.05     76.29     10.16    663.55      0.25      0.21      0.34      2.48      0.30      0.00      0.00      0.00     19.35      6.74
 815.     79.17     78.83     19.43    637.59      0.24      0.22      0.34      1.88      0.30      0.00      0.00      0.00     19.33      2.89
 820.     74.80     74.34     29.66    646.24      0.24      0.21      0.38      0.53      0.30      0.00      0.00      0.00     19.35      3.14
 825.     73.10     74.71     40.14    588.54      0.19      0.21      0.35     -0.59      0.30      0.00      0.00      0.00     19.37      5.42
 830.     89.31     84.88     50.36    553.92      0.19      0.22      0.33     -0.71      0.30      0.00      0.00      0.00     19.38      5.14
 835.     89.57     88.40     59.63    562.58      0.19      0.22      0.32     -0.87      0.30      0.00      0.00      0.00     19.38      6.02
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TIME       42        43        44        45        46         47        48
   0.    -0.43      0.97     -0.83     -0.12     -0.14       0.00      0.00
   0.    -0.15     -0.12      0.01      0.70     -0.53       0.00      0.00
   0.     0.54     -0.72      1.03     -1.00      2.37       0.00      0.00
   0.     1.96     -0.98      0.61     -1.42     -0.01       0.00      0.00
   0.    -0.25      0.14     -0.69      0.71     -0.62       0.00      0.00
   0.    -1.66      0.70     -0.13      1.14     -1.07       0.00      0.00
   5.     0.03      0.79     -0.67     -2.75      0.37       0.00      5.00
  10.     0.25      0.96     -0.80      0.01      0.64       0.00     10.00
  15.     0.95      0.11     -0.72     -0.12     -0.36       0.00     15.00
  20.    -0.71      1.05     -1.06      0.75      0.03       0.02     20.00
  25.     0.84     -0.50      0.99     -0.90      1.15       0.03     25.00
  30.     0.76      0.23     -0.15      0.26     -0.49       0.04     30.00
  35.     1.49      0.34     -0.70      0.73     -0.11       0.06     35.00
  40.     1.70     -0.95      1.04     -1.59      0.92       0.08     40.00
  45.     2.26     -0.19      0.71     -0.03     -0.43       0.10     45.00
  50.     3.88     -0.54      0.15     -0.35      0.95       0.16     50.00
  55.     1.67      0.66      0.65      0.73     -1.26       0.26     55.00
  60.     6.67      0.14     -0.57     -0.30      0.88       0.40     60.00
  65.     3.75     -0.51      1.72     -1.62      0.38       0.54     65.00
  70.     6.53      0.03      0.26     -1.19     -0.75       0.79     70.00
  75.     2.35      0.26      1.07     -1.64      0.92       0.97     75.00
  80.     3.15      0.00      0.06      1.25     -0.88       1.25     80.00
  85.     2.09      2.32     -0.91     -2.66      0.67       1.51     85.00
  90.     2.68     -0.28      0.52      1.50     -1.33       1.78     90.00
  95.     1.67      0.14      0.94      0.20      1.73       2.40     95.00
 100.     4.19      0.56     -0.74      0.40     -2.52       2.90    100.00
 105.     3.38      3.09     -0.47     -1.08      0.18       3.44    105.00
 110.     2.47      2.05      2.04     -2.84      0.27       4.12    110.00
 115.     6.90     -0.23      2.01     -2.56     -0.13       4.81    115.00
 120.     6.26     -1.14      0.16      2.84     -1.91       5.27    120.00
 125.     6.97     -0.23      1.26     -1.36     -1.42       5.75    125.00
 130.     6.61     -0.44      2.22      0.28     -2.21       5.98    130.00
 135.     6.23      0.22      2.27     -0.87     -0.18       6.36    135.00
 140.     6.63      2.93     -2.71     -2.18     -1.11       6.61    140.00
 145.     4.23      2.22      0.98      2.81     -3.14       6.98    145.00
 150.     6.49      4.81      0.50     -2.96      0.82       6.99    150.00
 155.     5.43      2.70      1.04      0.69     -0.69       7.01    155.00
 160.     6.15      1.89     -0.94      1.65     -0.30       7.08    160.00
 165.     6.52      1.67      0.47      1.15      0.58       6.97    165.00
 170.     5.11      3.38     -0.23      0.16     -2.81       7.11    170.00
 175.     6.66      0.79     -0.08     -3.87      4.80       7.24    175.00
 180.     7.23      0.12     -0.91     -2.68      1.66       7.15    180.00
 185.     7.37     -0.10      0.46      0.96     -2.79       7.20    185.00
 190.     7.18      2.40      2.33     -2.46     -0.02       6.93    190.00
 195.     6.16     -2.70      2.94     -1.27      1.69       7.03    195.00
 200.     5.37      2.53      2.44     -2.80     -1.21       6.73    200.00
 205.     6.33      1.71      1.34     -2.80      1.08       6.61    205.00
 210.     7.60      0.14      1.38     -3.50     -0.43       6.64    210.00
 215.     6.02      2.88     -0.84     -1.10      0.50       6.56    215.00
 220.     7.48      4.38     -0.77     -1.55      0.50       6.56    220.00
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TIME       42        43        44        45        46        47        48
 225.      6.39      1.92      1.64     -2.69      0.90      6.48    225.00
 230.      6.16      0.35      1.52     -0.09     -2.65      6.44    230.00
 235.      6.16      1.24     -0.26     -0.34     -1.56      6.38    235.00
 240.      4.00      3.69     -0.85     -2.72     -2.52      6.36    240.00
 245.      7.21      1.37      1.08     -1.77      1.51      6.10    245.00
 250.     10.87     -2.70      1.58     -2.23      0.86      6.15    250.00
 255.      4.11      2.38      0.57     -0.83      0.80      6.20    255.00
 260.      6.61      2.58      2.79     -2.72      0.42      6.18    260.00
 265.      7.21     -0.44      0.13     -1.16     -1.52      6.01    265.00
 270.      4.60      2.33      1.78     -3.89      2.69      5.84    270.00
 275.      7.63      0.95     -0.41     -1.17     -0.30      5.76    275.00
 280.      6.67      1.84      1.05     -2.76      0.98      5.61    280.00
 285.      5.13      3.73      0.14     -0.07      0.18      5.80    285.00
 290.      5.17      1.70      0.28      0.01     -2.79      5.74    290.00
 295.      3.91      4.26     -2.19     -0.07      0.69      5.57    295.00
 300.      5.62      0.14      0.38     -1.11     -1.02      5.63    300.00
 305.      7.60      0.08      0.10     -1.79     -2.49      5.46    305.00
 310.      5.87      2.26      0.93     -0.09     -1.27      5.75    310.00
 315.      7.73     -0.72      2.58     -1.17     -0.65      5.46    315.00
 320.      6.78      3.43     -1.02     -2.58     -1.72      5.53    320.00
 325.      5.33      1.65      0.88     -1.06      0.31      5.39    325.00
 330.      5.84      1.42      1.14     -1.82     -1.05      5.15    330.00
 335.      5.04      2.20     -0.16     -0.85      0.29      5.16    335.00
 340.      5.49      0.18      3.22     -1.80     -0.21      5.27    340.00
 345.      7.20      0.09      0.93     -1.29     -1.72      5.13    345.00
 350.      6.53     -0.28      1.17     -1.58      1.06      5.30    350.00
 355.      6.81      1.63     -0.79     -1.37     -0.62      5.16    355.00
 360.      6.24     -1.17      1.62     -1.55      0.60      5.09    360.00
 365.      3.83      3.36     -1.11      0.10     -0.17      5.03    365.00
 370.      7.65      1.79      0.31     -1.61     -0.10      5.09    370.00
 375.      6.69      3.21     -1.15     -0.13     -1.46      4.95    375.00
 380.      6.13      0.80      1.84     -2.72      2.31      4.87    380.00
 385.      6.55      1.64      0.92     -1.79     -0.24      4.92    385.00
 390.      6.89      0.88     -0.82      0.31      1.03      4.95    390.00
 395.      9.02     -0.34      1.46     -1.34     -1.20      4.97    395.00
 400.      5.40      1.30      0.74     -2.08      0.05      5.09    400.00
 405.      5.64      2.98     -1.28      0.95     -0.18      5.00    405.00
 410.      6.17      0.09      0.59     -0.74     -0.21      4.80    410.00
 415.      6.75      0.70      1.30     -1.16      1.64      4.91    415.00
 420.      3.39      4.81     -1.51     -0.88      0.77      4.87    420.00
 425.      3.93      3.99     -0.56      0.10     -2.89      4.86    425.00
 430.      4.48      3.47     -1.96     -2.92     -2.52      4.87    430.00
 435.      6.44     -0.54      2.76     -3.62      0.28      4.82    435.00
 440.      5.74      1.23      1.38     -0.92      0.77      4.76    440.00
 445.      5.51      3.18     -0.88     -1.22     -0.84      4.86    445.00
 450.      6.85      0.88      1.00     -1.65     -2.55      4.94    450.00
 455.      6.18      1.08      1.14     -2.22     -1.81      4.81    455.00
 460.      7.07      0.62      1.85     -0.82     -1.33      4.92    460.00
 465.      5.26      3.28     -0.96     -0.31     -1.98      4.78    465.00
 470.      6.06      2.74     -1.18     -1.85      0.58      4.92    470.00
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TIME       42        43        44        45        46        47        48
 475.     6.70      0.92      1.50     -1.95     -3.16      4.69    475.00
 480.     7.82      2.13      0.02     -1.09     -1.37      4.52    480.00
 485.     5.65      0.34      3.20     -2.66      2.45      4.75    485.00
 490.     6.76      1.81      0.43     -2.42     -1.46      4.62    490.00
 495.     4.24      3.83      0.30     -0.30     -1.95      4.64    495.00
 500.     5.62      1.92      1.25     -1.06     -0.08      4.53    500.00
 505.     4.40      3.75     -0.98     -0.56      0.67      4.43    505.00
 510.     5.54      2.06      0.11     -1.95     -0.88      4.23    510.00
 515.     5.19      1.05      1.52     -1.31      0.31      4.21    515.00
 520.     3.42      3.81     -0.41     -0.74      0.73      4.17    520.00
 525.     5.45      1.47      0.50     -1.55      0.64      4.02    525.00
 530.     7.00     -1.65      2.11     -1.29     -2.21      4.02    530.00
 535.     5.57      2.52     -0.16     -1.69     -0.94      3.81    535.00
 540.     6.65      1.40      1.14     -1.84     -1.81      3.69    540.00
 545.     7.47     -0.14      1.04     -1.42      1.48      3.67    545.00
 550.     5.69      1.03      0.65     -0.53     -1.20      3.62    550.00
 555.     6.47      0.78      0.46     -2.16     -1.55      3.60    555.00
 560.     3.88      2.63     -0.89     -2.13     -2.00      3.50    560.00
 565.     5.25      1.75     -0.63     -2.26     -4.43      3.28    565.00
 570.     2.10      3.37     -1.31      0.57     -1.55      3.44    570.00
 575.     6.14      1.45      0.85     -1.24     -1.23      3.34    575.00
 580.     6.89      0.03      1.62     -1.03      0.18      3.34    580.00
 585.     3.97      0.84      0.58      1.37     -3.01      3.15    585.00
 590.     5.09      2.37      0.05      0.56     -0.91      3.16    590.00
 595.     4.16      1.59      1.09     -1.32     -0.60      3.07    595.00
 600.     5.08      0.87      2.53     -2.60      2.18      2.95    600.00
 605.     4.65      1.30      0.76     -1.21     -0.97      2.89    605.00
 610.     4.88      1.63     -0.81      0.21     -2.33      2.75    610.00
 615.     2.74      3.40     -1.11     -0.39      0.05      2.58    615.00
 620.     4.64      0.43      1.80     -0.28      0.40      2.50    620.00
 625.     5.14      1.24      0.53     -2.43     -0.76      2.47    625.00
 630.     5.87     -0.22      1.90     -2.65      1.11      2.26    630.00
 635.     6.26      0.36      0.43     -1.04     -0.76      2.30    635.00
 640.     5.12     -0.18      2.11     -3.24      1.38      2.15    640.00
 645.     3.59      2.63     -0.63      0.15     -0.76      2.04    645.00
 650.     3.57      2.31     -0.11     -1.41     -0.10      2.07    650.00
 655.     4.22      1.24     -0.10     -1.35     -0.94      2.01    655.00
 660.     1.20      4.58     -2.06     -0.14     -1.59      1.93    660.00
 665.     2.76      2.12     -0.27     -0.21     -2.62      1.84    665.00
 670.     3.90      2.16      0.11     -1.03     -0.49      1.75    670.00
 675.     4.54     -0.24      1.97     -2.35      1.08      1.65    675.00
 680.     5.12     -0.25      2.02     -1.93     -0.40      1.52    680.00
 685.     5.56      0.84      0.57     -1.47     -1.55      1.41    685.00
 690.     3.96      1.17      0.62     -1.90     -0.85      1.42    690.00
 695.     4.59      1.17     -0.13     -1.28     -0.28      1.40    695.00
 700.     4.93      0.73      0.36     -1.45     -1.11      1.40    700.00
 705.     4.47      0.39      0.12     -0.56     -0.91      1.41    705.00
 710.     3.05      3.24     -1.98     -2.85     -1.84      1.40    710.00
 715.     4.96      1.04      0.91     -1.92      2.18      1.38    715.00
 720.     3.58      1.67      0.37     -1.26     -0.57      1.33    720.00
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TIME      42      43      44      45      46      47      48
 725.    5.33   -0.90    2.09   -2.45   -1.15    1.34  725.00
 730.    3.74    1.11    0.69   -1.50   -0.69    1.30  730.00
 735.    3.49    2.74   -0.97   -1.70    0.16    1.28  735.00
 740.    3.38    4.08   -1.86   -0.12   -0.88    1.24  740.00
 745.    1.56    2.39   -1.27    0.82   -3.04    1.23  745.00
 750.    6.39    1.56   -0.09   -1.45   -0.43    1.21  750.00
 755.    1.78    1.66    0.37   -0.10   -0.82    1.19  755.00
 760.    3.36    0.08    0.75   -0.39   -1.55    1.16  760.00
 765.    1.69    2.08   -0.55    0.00   -0.57    1.09  765.00
 770.    2.25    2.45   -0.61   -0.12   -1.18    1.04  770.00
 775.    4.56   -1.40    2.06   -2.31   -0.13    1.03  775.00
 780.    6.03    1.30    0.63   -1.50   -0.94    1.02  780.00
 785.    5.28   -0.99    1.56   -1.95   -0.23    0.99  785.00
 790.    1.60    1.48    0.49   -0.71    0.71    1.00  790.00
 795.    4.15   -0.66    1.24   -1.44   -0.39    1.00  795.00
 800.    2.34    1.03    0.67   -1.69   -0.63    0.99  800.00
 805.    4.20   -0.61    2.19   -3.01    0.89    0.99  805.00
 810.    0.85    2.33   -0.06   -0.29   -0.40    0.97  810.00
 815.    4.05    0.76    0.33   -0.77    0.77    0.98  815.00
 820.    5.03   -0.92    1.64   -2.33    0.96    0.94  820.00
 825.    2.32    1.02    0.08   -0.17   -0.10    0.93  825.00
 830.    2.12    0.88    1.08   -1.56    1.64    0.93  830.00
 835.    2.01    1.54   -0.46   -0.13   -1.71    0.91  835.00
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PRC15-W-4-1/2                                                     PAGE     1
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  0.     24.95    24.30    23.20    22.88    22.50    22.20    22.22    25.30    25.75    25.60    25.47    25.07    24.92    24.63
  0.     25.13    24.25    23.35    22.72    22.50    22.17    22.17    25.38    25.77    25.60    25.42    25.13    24.97    24.63
  0.     25.07    24.22    23.40    22.60    22.80    22.07    22.35    25.40    25.80    25.60    25.45    25.15    24.97    24.67
  0.     24.47    23.42    22.97    22.55    23.02    21.95    22.12    25.35    25.80    25.65    25.47    25.17    24.90    24.65
  0.     24.38    22.75    23.27    22.67    22.95    22.00    22.10    25.27    25.77    25.67    25.47    25.27    24.08    24.67
  5.     58.39    52.54    35.41    23.17    22.95    23.05    22.72    35.08    62.55    54.10    56.56    57.44    56.41    53.58
 10.     66.69    59.02    37.78    23.15    22.80    23.05    22.60    38.05    73.17    61.38    63.74    65.05    64.90    61.14
 15.     77.67    74.78    33.56    23.30    22.88    22.72    22.30    43.51    86.48    79.32    76.22    75.66    76.03    71.76
 20.     95.12    83.98    37.49    23.37    22.70    22.60    22.30    48.12   100.66    04.71    84.52    88.98    90.64    82.17
 25.    110.07   102.61    31.80    23.75    22.75    22.92    22.60    56.73   118.05   116.46   120.37   125.39   115.56   105.17
 30.    144.07   122.15    54.37    23.10    22.77    22.30    22.10    64.38   155.35   141.35   147.20   153.20   145.65   139.22
 35.    171.35   155.57    72.61    23.00    22.92    22.40    22.05    75.19   181.77   171.92   179.10   182.70   177.67   165.38
 40.    197.50   177.20    78.05    23.13    22.75    22.32    22.07    89.21   227.27   201.55   217.60   216.30   192.00   177.75
 45.    219.90   201.65    91.00    23.17    23.30    22.65    22.12   101.07   240.24   228.67   229.17   233.32   230.27   213.97
 50.    239.90   200.52    77.71    23.47    22.90    22.80    22.02   108.34   259.41   245.34   248.07   248.76   240.58   232.15
 55.    257.29   248.02    82.14    23.60    22.52    22.38    22.17   122.27   279.58   254.12   257.93   258.37   254.61   244.85
 60.    281.22   262.37   108.15    23.90    22.65    22.32    22.25   134.67   294.21   274.83   274.83   278.88   269.93   254.78
 65.    302.41   273.93    96.31    25.70    22.82    22.60    22.30   148.50   311.24   297.19   306.19   291.67   288.29   274.56
 70.    307.56   286.51    94.17    25.22    23.17    22.90    22.38   156.38   321.14   310.55   321.02   319.79   316.95   291.21
 75.    327.48   311.95    93.00    25.22    23.00    22.92    22.67   176.40   355.02   326.90   338.71   322.50   309.34   306.41
 80.    344.88   290.88   129.71    25.65    23.85    23.32    23.05   187.27   367.09   344.86   344.69   342.29   343.76   321.02
 85.    343.21   329.86   155.15    26.15    23.75    23.47    23.10   195.15   386.52   365.17   369.81   366.65   365.01   347.31
 90.    369.29   341.02   179.42    26.40    24.60    23.20    22.82   222.12   398.71   364.74   388.48   381.33   367.98   342.90
 95.    369.60   340.55   161.20    29.58    24.00    23.37    23.17   232.95   389.71   369.04   387.98   388.12   382.76   362.60
100.    384.76   366.19   124.80    31.46    23.80    23.50    23.15   244.61   409.07   396.31   409.02   404.21   399.64   388.83
105.    393.33   355.45   126.68    29.32    24.60    23.57    23.00   248.71   402.67   405.43   403.07   406.58   403.43   390.62
110.    369.72   370.42   111.60    28.52    24.05    23.70    23.63   261.95   427.59   405.49   403.00   402.26   390.05   370.63
115.    389.52   385.00   201.71    28.65    24.50    23.17    23.13   264.37   410.42   410.29   409.39   421.19   400.95   401.38
120.    397.38   367.44   218.25    36.02    24.52    23.35    23.05   275.32   432.64   408.67   425.31   422.02   401.46   404.53
125.    410.24   371.16   185.80    29.88    24.65    24.13    23.55   280.02   405.30   422.48   433.67   435.24   407.50   406.25
130.    401.43   385.00   270.05    30.51    24.55    24.10    23.52   291.68   433.16   425.24   434.90   438.02   439.79   428.55
135.    402.56   393.33   297.66    38.12    24.32    23.97    23.40   302.90   432.53   434.62   431.51   440.17   431.52   424.62
140.    395.24   386.19   196.50    35.61    24.25    23.77    23.55   306.73   438.98   424.62   426.98   422.07   401.30   407.02
145.    409.76   362.79   248.07    34.66    23.97    23.52    23.27   312.12   437.93   425.26   431.45   437.38   434.74   409.93
150.    402.09   396.19   200.34    32.76    24.02    23.95    23.42   313.40   440.69   437.24   431.37   432.16   422.98   405.42
155.    408.57   403.81   266.37    30.80    25.00    24.05    23.45   316.36   439.81   436.14   430.60   440.17   433.07   430.36
160.    402.09   370.00   233.07    31.56    24.27    23.47    23.07   315.17   439.28   452.83   456.43   434.19   424.52   420.95
165.    425.24   398.09   260.95    49.12    24.27    23.67    23.22   326.62   431.21   440.17   435.98   436.63   439.40   426.59
170.    404.65   406.19   228.19    41.10    24.35    23.75    23.57   320.09   438.72   431.00   435.72   432.44   432.28   435.31
175.    406.28   405.24   214.47    41.41    24.17    23.95    23.55   324.14   436.70   433.44   432.60   434.14   433.09   437.24
180.    420.95   400.95   198.90    47.34    29.42    23.72    23.63   325.81   433.32   431.79   439.59   434.93   407.02   429.07
185.    421.90   404.76   175.13    44.24    24.50    23.45    23.37   341.02   436.12   432.00   439.53   437.86   436.12   431.69
190.    405.95   390.00   181.92    43.05    27.88    23.77    23.72   343.83   432.74   439.63   451.69   454.28   436.74   459.28
195.    422.62   392.14   162.85    61.36    25.32    23.85    23.37   345.34   440.67   432.14   438.19   439.81   434.05   449.71
200.    424.05   402.86   198.88    40.02    24.67    23.52    23.50   344.07   435.74   435.70   439.05   439.56   437.77   435.65
205.    424.29   397.38   166.52    34.37    24.57    23.57    22.95   345.49   436.45   432.77   439.00   431.07   433.43   436.36
210.    410.46   406.43   205.66    32.51    24.70    24.02    23.30   341.38   434.91   434.32   435.28   437.35   431.55   425.98
215.    410.23   401.43   161.07    37.93    24.22    23.90    23.72   345.83   454.55   434.14   433.93   435.42   430.48   431.67
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PRC15-W-4-1/2                                                                         PAGE     2
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 235.   407.21   404.19   238.73    36.15    23.92    23.55    23.17   351.50   439.21   435.86   435.70   435.46   433.88   436.05
 240.   421.90   398.33   182.25    33.98    25.32    23.65    23.75   353.62   440.32   439.65   453.09   453.81   452.62   437.21
 245.   410.23   406.67   244.05    32.34    24.50    23.70    23.37   356.40   437.05   436.21   435.56   435.91   437.74   435.45
 250.   405.35   396.90   202.77    36.61    24.27    23.72    23.75   351.71   430.74   439.86   435.53   436.86   436.81   432.49
 255.   403.72   403.57   259.46    31.15    24.10    23.77    24.02   359.40   438.74   435.28   434.81   452.59   437.60   438.40
 260.   422.14   401.90   232.32    35.93    25.00    24.10    23.47   353.64   437.57   437.00   431.02   432.23   433.19   434.68
 265.   405.24   388.57   172.60    36.66    24.77    23.82    23.60   352.09   435.19   432.07   439.46   454.05   431.16   434.19
 270.   423.09   393.57   215.77    38.41    24.42    23.90    23.57   361.00   436.33   431.84   432.91   434.67   429.62   424.64
 275.   408.37   400.71   278.19    36.58    25.25    24.02    23.77   357.93   440.69   431.74   434.14   440.09   440.67   438.95
 280.   410.00   400.00   222.32    34.68    24.47    23.87    23.55   361.00   431.00   439.79   433.81   437.42   436.57   438.20
 285.   404.42   390.71   162.88    31.63    24.35    23.87    23.67   364.26   432.05   437.56   440.12   114.76   432.56   433.26
 290.   403.57   388.81   254.88    36.05    24.77    24.50    23.92   363.38   440.71   432.05   434.98   438.07   431.86   426.69
 295.   401.86   387.86   255.80    34.66    25.40    24.47    23.77   362.83   430.65   437.67   438.02   440.26   433.59   432.05
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 305.   402.32   389.28   244.05    34.78    24.40    23.87    23.60   360.50   437.79   440.17   439.93   438.31   409.79   408.95
 310.   421.19   391.43   187.47    46.78    24.67    23.95    23.55   363.21   437.88   439.38   430.88   434.19   440.36   438.21
 315.   420.95   390.48   249.22    36.68    25.00    23.92    23.65   362.81   433.74   433.30   431.81   438.67   439.19   438.00
 320.   406.67   389.28   295.66    32.88    26.13    24.82    23.40   362.24   435.26   433.32   432.00   431.37   432.19   438.52
 325.   406.67   396.43   260.41    32.27    24.55    24.00    24.05   366.59   430.60   440.50   434.58   436.70   437.62   423.14
 330.   408.09   404.29   182.90    34.49    24.50    23.80    23.55   365.62   455.24   437.38   439.05   438.33   428.33   427.62
 335.   408.33   397.38   276.32    40.98    24.70    24.10    23.95   365.17   432.42   437.57   432.84   438.07   427.31   431.14
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 345.   402.32   401.67   269.80    31.93    25.05    24.50    23.80   364.79   431.16   434.55   437.59   434.93   436.48   431.00
 350.   403.26   394.05   158.38    33.19    25.38    23.82    23.95   363.93   435.33   431.57   435.50   438.67   433.55   428.55
 355.   405.58   404.29   205.61    33.80    25.67    25.35    23.85   368.79   438.33   439.67   431.44   440.48   424.05   425.29
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 365.   408.09   394.29   269.76    33.78    24.92    24.30    23.72   367.62   433.76   437.90   430.86   438.12   423.31   426.28
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 375.   402.38   395.71   229.72    33.80    25.25    24.47    24.30   369.55   435.36   437.81   433.02   432.84   433.26   438.09
 380.   405.71   390.71   274.12    31.56    24.90    23.92    23.97   367.19   430.78   439.40   438.17   439.62   410.70   427.81
 385.   399.28   393.57   218.60    31.98    25.82    24.50    24.10   369.12   434.88   436.93   434.81   434.67   422.93   421.95
 390.   404.29   392.86   249.05    33.83    25.13    24.80    23.72   365.77   435.45   438.67   438.64   440.40   433.33   426.76
 395.   402.09   398.57   244.44    33.02    26.13    24.38    23.90   369.02   432.93   438.02   435.71   435.69   431.00   432.00
 400.   405.24   371.16   228.39    33.12    26.25    24.50    24.02   365.52   432.12   432.81   437.55   440.26   432.78   429.55
 405.   403.09   394.05   236.58    33.51    25.60    24.57    23.87   370.17   436.93   436.38   439.14   430.79   430.38   433.33
 410.   403.26   400.95   203.80    32.51    26.22    24.55    24.20   362.98   436.69   435.55   437.48   438.55   425.09   427.83
 415.   409.52   392.38   229.19    32.24    25.13    24.38    23.77   366.40   428.43   432.74   435.19   436.67   425.55   410.39
 420.   404.05   400.71   229.22    32.32    24.77    24.42    24.30   365.71   432.02   427.74   428.33   431.83   426.24   410.79
 425.   399.52   392.62   227.05    35.93    29.62    24.90    24.22   365.71   434.64   433.95   434.40   438.68   425.21   422.02
 430.   399.28   387.14   234.32    35.39    28.05    24.30    24.27   366.36   437.74   435.74   434.95   436.83   425.09   410.63
 435.   400.48   391.19   222.80    32.80    24.10    24.07    24.07   364.19   425.60   428.17   428.50   429.88   409.30   405.88
 440.   397.86   382.62   187.02    34.93    25.27    23.97    23.52   366.48   423.52   424.24   428.59   432.81   422.74   410.45
 445.   396.43   393.81   216.35    43.27    27.77    24.70    24.02   362.64   427.29   425.50   430.81   430.14   425.02   406.72
 450.   403.33   380.95   224.62    35.78    25.32    23.80    23.63   359.43   409.72   422.33   424.17   426.69   420.98   406.67
 455.   391.67   392.14   219.17    33.19    24.67    24.00    24.02   360.31   410.04   420.68   422.05   422.83   402.05   410.09
 460.   389.05   385.24   225.15    39.78    24.97    24.27    24.90   356.33   407.53   401.58   402.77   404.00   410.17   410.40
 465.   388.33   389.05   231.90    34.27    25.90    24.90    25.17   354.36   405.77   402.30   403.00   404.12   405.00   401.26
 470.   382.86   371.16   201.71    34.83    24.75    24.07    23.70   355.29   408.77   405.57   409.06   409.31   403.50   401.43
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PRC15-W-4-1/2                                                                    PAGE     3
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 480.   370.53   359.50   204.44    41.61    24.80    23.65    23.50   349.12   398.43   402.38   406.21   406.69   400.98   398.24
 485.   368.84   369.90   266.19    32.49    24.52    23.65    23.35   347.52   395.36   397.74   398.64   398.33   389.45   391.24
 490.   367.72   365.93   227.83    30.63    24.22    23.55    23.32   346.86   394.33   397.64   398.71   398.07   387.33   388.02
 495.   369.07   357.93   243.54    32.46    24.27    23.47    23.35   341.95   395.17   396.55   396.31   394.21   384.36   386.36
 500.   366.62   363.64   202.15    36.44    24.80    23.63    23.37   347.76   385.00   385.26   386.76   387.62   383.67   371.07
 505.   364.52   345.90   219.75    33.24    24.47    23.52    23.55   345.73   385.28   387.74   388.24   388.95   385.64   370.00
 510.   365.17   347.43   204.66    32.12    23.95    23.67    23.35   342.49   369.74   370.26   370.16   382.26   370.19   366.23
 515.   358.55   356.69   199.02    30.29    25.38    24.32    24.05   341.71   383.00   370.84   370.07   370.05   367.02   363.16
 520.   355.38   349.74   215.97    32.10    25.35    24.00    23.60   330.38   368.81   365.72   367.49   367.79   364.46   364.02
 525.   353.26   346.69   256.85    29.78    24.25    23.70    23.52   328.21   364.36   368.38   368.12   368.48   364.48   367.26
 530.   351.31   346.88   231.58    29.66    24.70    23.63    23.27   323.45   361.43   364.88   366.74   367.62   362.12   354.64
 535.   345.24   342.00   251.27    30.07    24.42    23.55    24.02   320.95   361.17   361.38   365.52   365.50   357.14   352.71
 540.   340.55   327.09   177.32    46.71    25.15    23.65    23.25   318.19   354.07   352.64   355.98   341.31   339.15   338.71
 545.   326.12   321.95   214.60    42.07    24.60    23.47    23.40   311.62   350.55   351.17   341.55   344.54   341.61   344.95
 550.   324.17   310.19   227.25    49.88    26.00    24.40    23.27   313.78   343.07   342.02   339.49   342.19   339.98   340.98
 555.   311.40   308.00   170.67    49.63    25.77    23.87    23.57   313.19   343.93   341.05   326.83   339.10   325.93   316.14
 560.   314.52   317.85   157.62    33.93    24.40    23.95    23.47   310.17   340.88   326.88   321.07   318.26   314.14   313.64
 565.   314.10   314.95   201.15    30.83    25.55    23.85    23.63   307.24   327.79   321.50   317.88   317.09   314.74   312.68
 570.   313.73   305.93   193.67    31.44    25.67    23.42    24.05   303.44   327.19   325.81   318.52   314.76   313.17   314.68
 575.   311.54   305.10   148.07    36.95    23.87    23.63    24.63   292.12   320.48   313.52   316.24   310.69   316.85   311.74
 580.   311.24   302.17   168.20    42.68    23.85    23.60    24.82   297.15   313.76   312.09   311.57   317.90   315.78   314.93
 585.   294.05   292.14   169.25    56.15    28.05    23.77    23.87   293.63   311.21   315.10   312.68   315.85   312.12   310.51
 590.   295.22   297.05   149.35    36.37    24.88    24.15    23.85   290.24   315.05   312.98   309.00   308.66   302.98   305.54
 595.   289.98   291.37   143.92    37.49    24.75    24.47    23.80   287.02   309.37   307.22   304.24   293.19   297.46   292.50
 600.   287.29   291.66   137.97    44.24    25.15    24.07    23.40   285.90   311.22   303.02   292.52   292.33   297.58   291.45
 605.   290.63   285.05   149.70    38.71    24.10    23.30    23.17   282.05   294.14   292.55   290.86   297.63   295.78   291.17
 610.   281.19   283.15   154.92    29.80    24.00    23.15    23.00   279.93   291.64   295.66   291.66   290.68   287.00   293.71
 615.   281.24   279.54   150.17    33.02    23.75    23.35    22.95   276.98   292.46   290.80   289.85   290.15   286.39   289.88
 620.   276.78   273.95   167.00    34.68    24.02    23.27    23.35   274.17   290.71   287.49   285.39   284.41   283.15   287.88
 625.   264.02   267.49   128.41    40.32    23.75    23.57    23.55   271.07   281.49   279.34   279.17   279.22   280.56   283.41
 630.   269.22   267.07   157.77    37.68    24.07    23.57    22.85   269.56   281.98   278.29   275.37   272.07   268.34   274.73
 635.   256.80   262.51   125.90    39.10    23.82    23.47    23.65   266.95   275.24   272.29   270.80   269.58   266.07   268.90
 640.   265.51   255.24   127.17    30.68    23.47    23.35    23.85   264.22   272.29   270.49   271.37   270.83   269.37   271.32
 645.   259.63   255.78   125.68    34.71    24.00    23.92    23.15   261.68   269.10   266.34   265.78   261.51   260.93   263.46
 650.   259.05   237.78   136.27    32.44    23.25    23.15    23.65   259.34   263.34   262.29   260.68   257.46   260.51   267.27
 655.   245.73   243.24   115.76    33.68    23.42    23.22    23.77   257.34   259.51   254.95   252.73   249.68   251.24   253.83
 660.   245.68   236.76   129.76    31.46    23.72    23.57    23.13   254.73   249.93   245.00   246.66   237.12   243.15   241.58
 665.   240.32   236.17   124.27    33.49    23.60    24.38    23.65   251.73   247.63   239.17   234.00   232.75   237.58   236.98
 670.   231.66   225.77   111.39    31.68    24.35    23.60    23.27   249.02   240.63   238.17   238.73   237.83   241.05   243.39
 675.   233.63   232.32   126.85    36.37    24.20    24.22    23.82   247.10   237.05   232.66   230.98   231.65   230.15   234.10
 680.   230.15   227.92    78.00    32.73    25.35    24.05    23.90   245.39   239.41   237.02   232.24   229.19   229.29   230.57
 685.   229.50   224.62   127.93    31.10    23.85    23.20    23.25   243.66   236.61   231.15   232.25   233.05   233.63   236.41
 690.   228.47   205.19   110.85    29.50    23.57    23.45    22.95   241.46   233.93   228.15   230.32   221.57   221.17   215.05
 695.   221.77   206.71   108.54    28.75    24.85    24.10    23.72   239.19   227.95   224.02   223.75   219.30   222.17   219.82
 700.   219.22   191.22   103.05    29.38    25.85    23.77    23.10   239.22   232.98   231.41   231.25   224.40   225.30   207.10
 705.   207.78   179.65   109.10    33.76    23.57    23.13    22.75   237.49   233.05   230.34   229.85   207.10   200.61   190.77
 710.   207.83   179.65   102.78    34.02    23.22    23.02    23.17   236.63   230.37   232.27   221.42   203.00   201.42   197.72
 715.   196.57   173.15   120.66    29.30    23.55    23.02    23.47   235.10   230.98   225.52   201.10   198.97   200.92   198.13
 720.   203.27   177.40   112.66    31.61    23.47    23.05    22.95   233.66   231.13   223.80   216.75   200.00   199.12   193.65
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TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
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0.	24.32	24.02	23.90	23.60	23.65	23.42	23.25	23.15	23.35	24.00	24.42	23.07	23.10	22.90
0.	24.35	24.00	23.85	23.60	23.65	23.45	23.20	23.20	23.32	24.00	24.45	23.13	23.05	22.95
0.	24.35	24.02	23.95	23.70	23.65	23.52	23.20	23.13	23.25	23.95	24.45	22.92	22.85	22.95
0.	24.45	24.05	23.95	23.70	23.50	23.63	23.25	23.10	23.25	23.95	24.45	22.95	22.88	23.02
0.	24.38	24.10	23.92	23.72	23.42	23.60	23.22	23.13	23.10	23.92	24.45	22.97	22.92	22.97
5.	52.29	47.71	41.17	29.00	25.35	25.20	24.07	23.77	23.67	25.07	33.22	23.47	23.55	22.97
10.	60.48	58.85	46.10	30.46	26.27	25.70	24.27	23.87	23.95	25.72	38.12	23.52	23.60	23.00
15.	70.90	62.67	51.15	36.10	27.42	26.13	24.45	24.15	23.87	26.32	39.41	23.50	23.47	23.07
20.	82.67	75.63	61.57	35.44	27.97	27.35	25.00	24.63	23.95	26.95	46.78	23.65	23.77	23.13
25.	102.85	100.78	73.56	38.10	29.46	28.55	25.22	24.88	24.27	28.10	52.00	24.00	24.05	23.20
30.	126.10	114.63	83.09	46.22	32.66	31.49	26.90	26.07	25.17	29.78	58.62	24.82	24.97	23.47
35.	152.80	138.57	103.29	50.63	36.68	32.41	28.60	26.92	26.10	33.24	73.78	25.72	25.70	23.65
40.	160.20	142.70	105.46	55.63	39.24	37.88	30.76	28.13	27.00	37.56	82.50	25.82	26.40	23.92
45.	195.10	163.07	127.76	58.45	43.66	40.95	33.37	29.50	27.35	41.17	94.09	26.20	26.57	24.22
50.	223.10	108.17	139.13	64.79	51.39	45.10	34.83	29.68	28.40	45.22	101.93	27.17	28.27	24.72
55.	239.83	205.85	163.62	76.66	56.07	52.22	33.88	30.56	29.10	48.05	110.05	27.63	28.05	25.10
60.	249.12	231.88	167.27	83.48	60.71	50.41	36.78	33.80	29.78	53.78	124.63	29.05	29.72	25.57
65.	253.37	229.49	176.85	91.48	69.68	57.00	38.83	34.49	31.34	58.52	128.15	29.73	30.37	26.22
70.	278.63	244.24	196.77	104.95	65.74	58.22	40.71	35.37	32.93	64.02	143.55	30.88	31.32	26.82
75.	291.12	272.19	198.37	125.85	78.68	62.83	41.90	39.98	34.46	71.98	156.82	32.19	33.19	27.52
80.	306.68	276.66	230.02	136.60	78.12	66.00	42.00	41.41	37.15	84.09	173.60	33.58	34.37	28.57
85.	313.74	294.19	254.29	143.97	88.83	77.29	46.29	41.83	39.07	93.02	190.55	36.00	36.71	29.42
90.	329.45	306.95	258.51	157.77	89.95	83.88	51.05	46.93	42.37	105.85	202.88	37.58	39.27	30.17
95.	355.67	325.33	284.58	171.00	92.88	89.95	50.63	46.29	43.41	113.76	223.25	37.76	38.76	31.07
100.	370.12	351.95	263.17	170.22	107.83	108.37	58.54	49.61	45.80	125.54	233.93	41.61	43.05	31.93
105.	366.76	346.41	286.15	172.95	112.71	108.02	59.21	54.12	49.76	146.50	244.83	41.85	43.71	32.93
110.	369.86	347.37	295.10	178.57	115.73	115.39	63.38	53.73	50.98	146.70	253.78	43.19	44.95	33.85
115.	386.29	343.14	304.88	182.88	121.85	125.95	67.74	53.24	51.22	150.57	258.56	43.44	45.71	34.95
120.	388.31	356.09	305.12	192.80	121.54	135.17	67.38	55.44	55.02	155.55	270.46	47.00	52.19	36.00
125.	398.00	360.57	313.33	204.83	125.39	133.72	72.22	56.71	57.44	160.97	280.07	47.46	49.34	37.05
130.	407.81	360.31	312.21	217.12	128.51	136.38	74.22	57.88	58.22	167.80	287.02	49.22	50.93	37.93
135.	409.79	357.90	316.29	226.00	145.50	139.00	74.63	57.86	59.21	167.13	297.29	52.37	53.27	39.12
140.	390.98	364.43	325.67	226.67	140.27	143.17	74.39	59.14	57.66	167.07	302.78	49.44	49.90	40.02
145.	403.21	387.00	347.29	244.07	153.77	141.92	70.32	59.36	58.50	173.80	305.22	52.17	52.02	40.78
150.	404.12	366.51	346.67	230.63	155.07	143.20	75.00	58.02	59.95	170.07	312.98	52.56	57.98	41.73
155.	421.09	388.09	342.07	250.63	153.70	149.82	77.19	61.74	62.71	170.22	314.17	51.37	55.58	42.63
160.	405.24	380.95	346.85	231.07	149.40	154.30	77.67	66.29	65.67	181.32	321.02	56.17	57.32	43.51
165.	402.35	367.00	329.21	242.76	146.07	154.15	77.93	64.50	64.45	179.27	323.83	54.24	56.83	44.39
170.	423.93	370.07	323.59	240.76	161.75	163.47	86.55	63.93	64.02	187.38	327.64	54.51	56.07	45.29
175.	420.86	365.79	323.09	238.58	156.47	153.60	93.76	66.40	64.57	190.17	339.73	57.32	59.45	45.80
180.	409.42	392.69	341.43	254.24	171.95	141.22	79.95	67.71	71.51	183.75	339.10	59.26	60.90	46.83
185.	402.58	382.05	347.76	272.88	163.77	156.70	82.33	69.71	65.00	187.67	348.15	55.22	57.46	47.63
190.	458.81	403.33	352.38	307.27	175.35	157.60	87.21	70.51	66.59	193.63	343.52	59.22	58.64	48.24
195.	428.71	396.14	352.19	266.73	167.40	164.82	87.69	66.90	65.69	190.95	340.86	57.29	58.85	49.29
200.	408.63	368.67	348.51	263.37	168.30	169.55	89.12	66.33	66.40	198.25	344.57	59.05	59.74	49.61
205.	425.95	371.12	348.49	272.76	173.45	163.77	82.64	67.05	65.05	193.82	347.02	56.78	58.14	50.51
210.	401.95	384.64	348.26	268.95	178.42	170.92	93.69	72.90	73.37	199.45	352.05	62.76	66.09	50.93
215.	422.05	371.14	349.62	266.46	194.07	162.10	93.36	74.37	71.85	202.85	353.36	58.64	59.50	51.71
220.	403.57	370.35	340.95	263.56	188.55	165.70	95.24	78.33	74.27	200.07	349.93	61.17	64.12	51.80

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PRC15-W-4-1/2                                                                    PAGE     5
TIME       14        15        16        17        18        19        20        21        22        23        24        25        26        27
 225.    430.98    383.81    352.64    293.61    177.57    165.02     93.83     78.06     70.19    198.61    357.81     60.64     64.59     52.05
 230.    423.21    392.55    355.86    272.95    179.82    158.22     96.14     78.88     73.07    192.80    360.50     61.64     63.62     52.37
 235.    435.67    401.21    355.29    279.63    166.17    170.07     90.31     76.63     77.15    201.00    361.30     62.21     63.36     52.95
 240.    427.62    401.90    350.43    260.73    179.27    174.22     94.95     79.46     78.58    188.85    362.17     64.90     69.93     52.98
 245.    409.93    397.43    355.95    278.19    196.22    163.67    100.41     80.05     77.44    186.25    363.50     65.12     66.26     53.68
 250.    406.09    389.17    362.09    280.80    181.35    172.02    103.24     81.95     74.76    197.90    367.31     62.93     63.90     54.24
 255.    439.74    401.84    344.40    274.98    201.77    164.35    106.68     83.49     78.39    195.25    369.98     65.93     71.44     54.58
 260.    429.55    403.36    355.14    277.71    199.42    164.75    103.24     80.64     78.93    196.25    365.26     69.54     66.86     55.24
 265.    425.71    393.81    352.67    268.17    176.42    177.17    103.00     79.00     76.02    185.97    367.29     67.02     67.79     55.32
 270.    408.86    390.88    354.90    292.56    165.60    158.22     96.90     82.45     79.55    202.32    368.95     73.78     78.02     56.22
 275.    424.50    389.12    348.31    283.88    158.35    171.32    100.07     85.06     78.67    204.24    369.69     72.37     76.78     57.73
 280.    439.07    406.51    360.12    294.41    173.22    166.52     91.57     81.59     77.95    198.40    368.86     72.93     67.74     58.37
 285.    406.63    392.95    361.95    292.17    187.65    168.00    100.19     80.64     75.83    171.13    365.77     67.69     70.56     58.41
 290.    407.07    395.31    361.93    291.74    186.82    177.47    110.15     88.55     80.85    180.70    369.00     65.83     75.73     58.80
 295.    424.24    391.50    360.21    284.51    175.70    160.13    108.46     93.17     84.24    178.72    364.44     72.80     74.51     58.00
 300.    405.74    391.36    356.71    286.68    191.87    177.55    103.12     81.64     79.19    180.67    362.21     67.76     72.08     58.26
 305.    433.12    408.09    365.02    308.07    178.32    175.35     95.40     84.57     80.12    185.70    364.91     70.34     74.00     58.71
 310.    431.09    390.07    359.31    293.40    200.85    178.85    102.58     85.09     82.07    188.10    368.72     75.73     75.73     59.36
 315.    404.64    380.79    340.31    269.58    199.56    182.47    107.37     86.21     82.29    192.27    369.42     72.73     74.17     60.21
 320.    426.00    390.19    363.90    279.58    187.67    168.50    111.32     92.12     85.36    201.75    368.49     77.00     79.43     61.09
 325.    404.12    394.83    357.50    281.63    169.75    178.80    107.85     92.07     82.98    199.37    381.78     74.90     75.60     61.09
 330.    421.43    395.95    361.00    266.63    190.42    185.00    115.22     80.26     83.79    189.97    382.00     74.39     77.60     60.71
 335.    405.91    396.40    364.86    280.12    192.10    166.40    110.00     92.21     83.26    188.37    384.26     72.27     76.34     61.05
 340.    439.74    395.90    349.40    277.68    187.67    175.40    104.27     82.50     79.93    190.95    387.09     75.51     76.15     61.07
 345.    423.90    380.57    344.36    281.54    175.55    179.45    112.02     91.83     83.19    198.63    382.17     75.10     76.88     61.09
 350.    400.98    380.52    357.05    269.76    223.02    177.40    116.66     97.19     85.36    197.62    386.71     73.02     77.51     61.55
 355.    409.88    398.07    361.76    276.58    186.07    197.27    115.22     93.21     81.43    200.39    383.21     69.83     75.78     61.24
 360.    429.71    401.86    352.31    284.88    181.42    181.70    109.37     89.98     81.59    195.92    385.17     77.70     78.37     61.19
 365.    401.44    391.67    358.14    291.22    181.97    170.32    107.34    101.88     84.71    188.70    386.71     73.63     76.76     61.40
 370.    401.72    391.00    355.07    278.58    193.20    183.87    115.44     88.62     84.69    189.17    384.88     75.70     78.61     61.26
 375.    437.67    407.17    362.19    291.74    184.67    177.97    108.95     95.81     85.64    200.87    386.36     78.12     79.27     61.88
 380.    403.49    385.33    352.81    292.90    170.40    177.12    118.49     94.21     88.19    194.05    388.45     72.49     79.36     62.33
 385.    404.32    391.69    356.43    293.93    165.90    167.32    121.78    106.07     85.14    191.42    387.67     75.85     78.69     62.21
 390.    422.45    396.33    364.57    285.85    198.44    186.10    111.29     94.79     81.31    201.27    387.21     74.95     75.37     63.09
 395.    403.14    393.52    357.52    284.39    199.83    184.65    110.41     88.98     84.52    196.10    384.88     77.08     80.07     63.31
 400.    409.58    395.64    364.95    290.85    195.82    176.70    111.37     95.36     86.52    201.39    387.26     77.37     78.27     64.09
 405.    432.98    407.05    359.48    296.46    177.95    182.65    107.02    105.29     84.90    196.55    391.71     78.15     79.95     64.00
 410.    406.32    383.43    344.36    293.17    196.20    185.57    107.27     90.31     85.95    202.88    389.67     74.61     78.90     63.79
 415.    400.05    389.07    347.86    276.37    201.54    185.27    109.46    101.90     87.14    198.80    385.26     72.41     83.07     63.38
 420.    406.33    380.71    355.59    282.85    178.30    174.22    113.98    109.66     92.31    204.44    387.21     78.61     80.52     63.31
 425.    406.40    391.95    363.69    295.61    169.57    193.09    113.51     97.57     86.88    215.95    384.07     75.71     79.19     64.21
 430.    400.12    368.37    351.79    292.76    176.95    180.75    106.71     94.64     85.88    200.56    388.12     79.49     79.29     65.79
 435.    400.38    384.52    353.74    276.37    203.17    183.55    111.73     94.67     88.59    202.63    385.93     76.34     79.93     66.09
 440.    401.07    382.88    359.09    297.66    197.70    175.65    110:10    102.22     84.12    201.71    384.02     79.05     78.02     65.62
 445.    406.78    385.74    357.19    286.78    199.57    179.50    110.68     97.05     85.79    214.92    381.76     77.32     79.17     65.74
 450.    401.74    398.31    348.00    279.66    184.70    187.57    111.61     85.36     87.17    187.82    370.63     78.27     80.64     65.57
 455.    408.67    383.50    348.33    283.80    179.35    184.70    113.68     91.29     86.90    192.63    369.93     75.58     78.39     66.02
 460.    400.57    366.77    353.24    271.10    184.80    179.27    111.66     96.95     88.14    207.61    370.86     79.21     84.31     66.24
 465.    410.45    380.86    343.37    282.02    168.42    165.82    105.69    103.05     80.79    201.76    365.91     81.57     83.19     67.17
 470.    393.86    364.98    343.54    270.83    199.50    178.80    115.85     92.21     83.40    195.45    362.77     75.41     79.51     67.00
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PRC15-W-4-1/2                                                            PAGE     6
TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
 475.   390.98   362.09   340.69   273.76   194.55   159.15   108.54    90.33    83.67   190.95   362.39    73.39    75.61    66.14
 480.   380.57   357.09   339.46   266.88   202.05   171.37   105.56    86.93    87.05   189.07   367.05    79.07    82.17    65.83
 485.   389.64   361.93   340.71   279.15   197.88   174.10   114.22    96.17    83.02   188.02   364.90    78.37    79.49    65.79
 490.   380.59   355.57   342.02   269.05   187.82   157.27   107.27    97.19    85.29   199.05   361.26    78.57    82.36    66.05
 495.   384.83   364.64   327.48   267.46   168.17   159.07   112.78   101.85    86.14   194.07   359.02    79.10    80.79    66.29
 500.   364.51   362.38   327.86   264.56   181.40   168.90   110.71    92.09    83.59   182.07   356.38    74.37    75.76    66.40
 505.   366.53   364.90   340.51   287.12   177.67   170.32   107.39    94.45    83.59   176.72   353.55    77.24    78.66    66.17
 510.   364.52   353.86   325.05   272.22   191.65   157.65   107.19    91.93    82.52   183.20   349.74    76.56    75.73    66.02
 515.   369.86   353.14   319.52   263.02   196.97   167.80   111.27    96.02    85.33   201.45   347.33    77.64    79.26    67.36
 520.   361.00   346.95   317.17   268.41   178.45   160.42   111.49    89.52    81.95   175.05   344.29    75.80    76.37    67.14
 525.   366.24   356.45   312.26   273.63   168.90   159.40   106.41    92.05    86.50   186.87   340.98    79.29    81.12    66.38
 530.   349.62   347.12   311.29   253.44   172.92   151.92   114.34    92.59    86.50   191.80   344.93    84.14    85.09    67.24
 535.   345.71   327.62   316.90   262.85   171.30   164.42   113.02    96.59    85.74   194.17   339.19    79.24    80.69    67.76
 540.   327.57   322.14   312.55   293.98   199.10   168.82   113.90   103.29    80.09   157.20   323.36    79.26    75.56    70.61
 545.   345.58   323.90   291.33   278.98   231.17   173.63   118.12    91.48    84.50   170.40   319.55    86.40    82.86    71.95
 550.   329.74   317.67   294.83   276.34   204.58   180.35   121.63    95.83    86.62   164.47   313.86    82.38    81.36    73.24
 555.   311.14   312.10   291.52   275.27   200.51   180.13   115.68    93.02    83.64   167.65   311.62    81.19    81.00    73.15
 560.   315.83   314.02   287.19   271.73   201.92   171.77   112.76   101.58    91.33   173.30   313.88    86.31    89.05    73.95
 565.   311.81   311.19   281.37   258.44   198.40   175.07   108.15    94.57    83.59   159.38   310.95    85.05    84.98    74.49
 570.   292.71   297.00   275.49   247.90   196.40   172.70   118.29    96.76    85.24   164.05   308.29    85.40    82.64    75.34
 575.   314.29   291.64   275.90   246.12   188.20   169.20   113.44    93.50    85.24   162.40   303.68    83.00    78.41    75.76
 580.   311.39   295.71   271.85   242.05   186.52   162.82   113.85    92.21    78.95   154.30   294.29    75.46    75.71    74.61
 585.   304.05   284.27   269.98   245.05   190.10   158.13   110.39    96.74    82.69   166.47   297.54    83.36    82.07    73.63
 590.   293.85   278.95   261.63   231.57   181.72   157.10   107.88    92.86    81.79   164.88   293.90    80.86    79.71    73.78
 595.   302.71   284.39   259.61   233.90   185.20   157.38   117.51    94.05    84.74   173.20   291.46    81.59    81.40    74.85
 600.   291.40   282.02   261.51   243.80   187.67   154.50   111.61    95.17    86.09   155.15   289.29    83.17    82.93    75.19
 605.   291.80   280.95   258.07   231.05   171.32   153.97   112.49   101.19    84.62   158.88   286.17    81.52    81.86    75.70
 610.   290.32   273.32   246.90   222.90   173.63   146.45   112.02    94.40    78.74   153.38   282.49    81.69    79.44    75.24
 615.   292.32   284.54   245.29   224.47   177.57   142.25   108.24    94.64    84.17   162.95   280.10    82.19    80.83    75.32
 620.   282.44   269.63   252.44   231.30   158.42   135.97   115.58    95.36    85.48   151.07   277.41    84.38    84.38    75.22
 625.   281.76   256.66   244.32   227.12   183.52   142.07   106.24   102.02    79.15   151.02   273.90    70.02    77.00    74.15
 630.   275.05   254.93   237.34   220.10   180.35   140.72   110.49    93.86    82.71   157.77   270.83    80.12    80.93    73.73
 635.   271.37   252.39   232.54   231.67   186.70   140.72   105.12    94.64    81.48   161.50   268.78    79.95    79.10    74.51
 640.   259.17   239.44   231.32   218.80   167.35   139.38   103.88    95.36    78.95   150.30   266.41    77.74    79.49    73.80
 645.   253.24   243.22   232.32   214.13   174.47   133.80   105.90    95.74    78.19   134.00   263.90    79.10    79.10    73.46
 650.   261.46   239.22   228.67   219.25   176.95   128.17   103.12    94.17    79.71   138.47   261.93    82.33    78.66    73.29
 655.   259.76   246.15   230.75   205.19   180.52   134.95    95.93    90.90    75.41   144.15   259.68    75.10    74.85    71.83
 660.   234.58   230.00   219.90   202.38   165.65   128.44    95.93    88.12    73.24   139.17   256.05    76.29    70.73    70.63
 665.   229.95   207.39   201.56   199.65   165.22   128.98   101.12    89.26    70.05   129.15   254.73    73.63    62.45    69.90
 670.   233.05   223.92   200.15   200.10   171.02   116.61    95.31    90.95    66.48   114.95   251.78    77.29    70.39    67.46
 675.   229.22   227.57   203.54   202.85   169.57   119.02   101.19    91.90    72.27   120.00   249.24    77.37    74.34    67.14
 680.   227.00   216.70   207.68   197.40   169.07   125.78    96.55    87.76    70.58   119.51   247.61    74.19    66.76    67.17
 685.   231.17   222.47   207.83   193.80   168.70   122.54    93.00    86.12    71.05   125.27   245.51    74.54    73.85    66.64
 690.   203.05   200.32   195.25   185.95   159.05   125.15    95.29    86.29    71.65   124.73   243.24    70.32    67.81    66.24
 695.   201.71   200.10   188.80   181.32   160.52   130.75    87.05    83.29    70.46   124.98   240.00    73.83    65.71    65.71
 700.   199.50   192.10   182.02   181.72   160.92   138.02   104.63    80.33    66.31   115.56   239.07    73.17    65.69    65.43
 705.   181.52   183.52   184.70   183.30   157.80   127.41    93.62    89.48    67.64   110.56   236.39    71.71    66.24    65.38
 710.   188.05   189.65   188.45   179.15   153.90   122.17    97.55    85.50    64.55   105.00   234.61    72.07    63.02    64.98
 715.   191.55   190.77   183.52   179.05   156.50   119.37   102.02    87.83    73.49   114.05   231.32    73.85    72.32    65.14
 720.   186.20   185.10   177.30   168.52   150.45   119.22   100.66    90.00    77.49   111.41   230.32    78.51    78.40    65.81
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PRC15-W-4-1/2                                                          PAGE     7
TIME      28        29        30      31         32        33        34        35        36        37        38        39        40        41
  0.     23.17     23.27     19.28 14000.43     0.00     -0.00     -0.02      0.21      0.00      0.00      0.00      0.00     21.00     -2.17
  0.     23.20     23.20     29.50 14140.98     0.00     -0.00     -0.02      0.12      0.00      0.00      0.00      0.00     21.00      0.00
  0.     23.22     23.20     40.01 14070.70    -0.00     -0.00     -0.02      0.09      0.00      0.00      0.00      0.00     21.00      0.73
  0.     23.20     23.30     50.22 14000.43    -0.00     -0.00     -0.02      0.26      0.00      0.00      0.00      0.00     21.00      0.51
  0.     23.15     23.35     59.48 14105.81     0.00     -0.00     -0.02     -0.50      0.00      0.00      0.00      0.00     21.00      0.08
  0.     23.13     23.35     69.69 14035.54    -0.00     -0.00     -0.02     -0.06      0.00      0.00      0.00      0.00     20.99      0.85
  5.     24.52     25.05     10.06 14035.54     0.00      0.00      0.04      1.25      0.00      0.00      0.00      0.01     20.69     -0.16
 10.     24.97     25.35     19.28 13930.15     0.01      0.00      0.04      1.05      0.00      0.00      0.00      0.01     20.54      1.03
 15.     26.07     26.63     29.49 14000.43     0.01      0.01      0.09     -0.12      0.00      0.00      0.00      0.02     20.42      3.28
 20.     27.22     28.63     40.01 14000.43     0.02      0.01      0.13     -0.35      0.00      0.00      0.00      0.02     20.27      1.89
 25.     30.02     30.00     50.21 13965.31     0.04      0.02      0.21     -0.51      0.00      0.00      0.00      0.04     20.12      3.43
 30.     30.17     31.71     59.46 13965.31     0.07      0.04      0.31     -0.75      0.00      0.00      0.00      0.05     19.91      3.00
 35.     31.07     34.32     69.68 13895.04     0.10      0.05      0.40     -0.61      0.00      0.00      0.00      0.07     19.65      6.51
 40.     35.58     38.93     10.06 13859.93     0.12      0.07      0.48      2.96      0.00      0.00      0.00      0.10     19.26      3.26
 45.     35.46     41.68     19.29 13719.38     0.14      0.08      0.52      1.98      0.00      0.00      0.00      0.12     18.88      6.08
 50.     42.49     45.37     29.51 13684.27     0.17      0.09      0.66      0.61      0.00      0.00      0.00      0.15     18.43      6.32
 55.     48.66     51.15     40.02 13613.99     0.19      0.11      0.77     -0.69      0.00      0.00      0.00      0.18     18.01      6.52
 60.     52.17     53.46     50.23 13578.89     0.21      0.12      0.74     -0.77      0.00      0.00      0.00      0.22     17.61      8.01
 65.     59.14     60.55     59.48 13473.50     0.26      0.15      0.86     -0.95      0.00      0.00      0.00      0.26     17.18      9.52
 70.     58.63     64.00     69.69 13297.84     0.32      0.17      1.01     -0.73      0.00      0.00      0.00      0.33     16.79     10.94
 75.     62.17     72.71     10.06 13192.45     0.37      0.19      1.16      3.99      0.00      0.00      0.00      0.39     16.40      5.84
 80.     63.76     80.31     19.30 12981.68     0.43      0.21      1.21      3.03      0.00      0.00      0.00      0.46     16.01     11.05
 85.     67.29     78.07     29.51 12841.13     0.51      0.23      1.40      0.97      0.00      0.00      0.00      0.53     15.46     11.58
 90.     67.48     82.81     40.01 12700.64     0.60      0.27      1.64     -0.73      0.00      0.00      0.00      0.65     15.03     10.75
 95.     77.22     87.79     50.22 12595.25     0.65      0.29      1.78     -0.74      0.00      0.00      0.00      0.68     14.73     10.11
100.     79.37     95.26     59.47 12489.86     0.71      0.31      1.94     -1.01      0.00      0.00      0.00      0.78     14.29     14.15
105.     83.31     96.31     69.67 12243.93     0.76      0.32      2.02     -0.89      0.00      0.00      0.00      0.82     13.77     12.29
110.     88.57    104.49     10.06 12033.15     0.77      0.32      2.05      4.44      0.00      0.00      0.00      0.87     13.34     10.24
115.     87.21    110.39     19.29 11892.66     0.79      0.32      2.04      3.66      0.00      0.00      0.00      0.86     13.09      9.52
120.     92.48    110.49     29.49 11822.39     0.84      0.34      2.15      1.12      0.00      0.00      0.00      0.93     12.98     11.97
125.     92.79    110.83     40.02 11646.73     0.90      0.34      2.25     -0.74      0.00      0.00      0.00      1.01     13.00     12.93
130.     96.74    121.27     50.23 11506.23     0.93      0.35      2.32     -0.89      0.00      0.00      0.00      1.06     12.95     13.20
135.    100.07    121.76     59.48 11365.68     0.95      0.35      2.25     -1.08      0.00      0.00      0.00      1.04     12.78     12.08
140.     95.40    118.98     69.68 11190.02     0.97      0.34      2.28     -0.99      0.00      0.00      0.00      1.05     12.77      7.99
145.    108.85    125.95     10.06 11119.80     0.99      0.34      2.29      4.53      0.00      0.00      0.00      1.06     12.77     12.11
150.    109.05    133.65     19.29 10944.14     0.99      0.34      2.30      3.77      0.00      0.00      0.00      1.08     12.81     12.30
155.    114.29    139.75     29.50 10768.48     1.01      0.34      2.36      1.53      0.00      0.00      0.00      1.14     12.85     13.17
160.    111.54    140.95     40.00 10627.98     1.04      0.35      2.43     -0.76      0.00      0.00      0.00      1.15     12.93     11.37
165.    108.41    128.73     50.23 10522.54     1.07      0.34      2.45     -0.96      0.00      0.00      0.00      1.13     12.99     14.50
170.    114.02    138.20     59.48 10382.04     1.07      0.34      2.43     -1.11      0.00      0.00      0.00      1.14     13.08      7.51
175.    105.68    140.02     69.68 10241.55     1.05      0.33      2.42     -1.08      0.00      0.00      0.00      1.12     13.03      8.98
180.    122.71    143.07     10.06 10100.99     1.08      0.33      2.34      4.72      0.00      0.00      0.00      1.15     12.98      9.60
185.    115.71    145.70     19.29  9960.50     1.10      0.33      2.32      3.99      0.00      0.00      0.00      1.16     13.13     14.18
190.    129.80    158.05     29.50  9784.84     1.12      0.33      2.32      0.96      0.00      0.00      0.00      1.16     13.20     11.09
195.    120.56    148.65     40.01  9714.56     1.11      0.33      2.48     -0.80      0.00      0.00      0.00      1.19     13.22     14.39
200.    128.71    155.60     50.22  9574.06     1.12      0.32      2.46     -0.94      0.00      0.00      0.00      1.21     13.31     13.16
205.    121.39    150.95     59.48  9398.40     1.13      0.32      2.46     -1.19      0.00      0.00      0.00      1.21     13.30     13.16
210.    122.32    145.25     69.68  9293.02     1.15      0.33      2.45     -1.04      0.00      0.00      0.00      1.18     13.30     11.73
215.    125.46    148.30     10.06  9187.64     1.15      0.32      2.43      4.79      0.00      0.00      0.00      1.20     13.33      7.63
220.    119.93    153.32     19.30  9011.98     1.16      0.32      2.56      3.75      0.00      0.00      0.00      1.18     13.32      8.77
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PRC15-W-4-1/2                                                                    PAGE     8
TIME       28       29       30      31        32       33       34       35       36       37       38       39       40       41
 225.    124.29   156.57   29.50  8906.59     1.17     0.31     2.57     1.43     0.00     0.00     0.00     1.20    13.39    11.26
 230.    117.46   150.22   40.01  8730.93     1.16     0.31    •2.49    -0.71     0.00     0.00     0.00     1.19    13.37     9.52
 235.    126.02   157.22   50.21  8590.43     1.18     0.31     2.43    -0.92     0.00     0.00     0.00     1.22    13.44     7.61
 240.    119.00   157.22   59.47  8520.15     1.19     0.31     2.53    -1.15     0.00     0.00     0.00     1.26    13.53     9.94
 245.    123.93   156.52   69.68  8379.66     1.19     0.31     2.47    -1.02     0.00     0.00     0.00     1.21    13.64    14.59
 250.    126.76   161.82   10.06  8239.11     1.21     0.30     2.42     4.73     0.00     0.00     0.00     1.21    13.67    14.10
 255.    137.52   157.67   19.29  8133.72     1.21     0.30     2.45     3.47     0.00     0.00     0.00     1.25    13.57    11.50
 260.    129.46   155.38   29.49  8028.34     1.20     0.29     2.45     1.44     0.00     0.00     0.00     1.22    13.56    14.23
 265.    120.54   155.00   40.02  7922.95     1.20     0.29     2.38    -0.81     0.00     0.00     0.00     1.22    13.63     8.33
 270.    121.05   166.20   50.22  7782.40     1.20     0.29     2.40    -0.90     0.00     0.00     0.00     1.20    13.80    14.61
 275.    116.93   164.25   59.47  7712.18     1.20     0.28     2.38    -1.14     0.00     0.00     0.00     1.19    13.82    14.31
 280.    142.70   172.35   69.68  7571.63     1.21     0.28     2.47    -1.02     0.00     0.00     0.00     1.21    13.79    10.38
 285.    129.68   170.25   10.06  7431.13     1.22     0.29     2.44     4.72     0.00     0.00     0.00     1.22    13.88    12.42
 290.    122.61   162.47   19.29  7325.75     1.22     0.28     2.41     3.69     0.00     0.00     0.00     1.22    13.90     9.47
 295.    120.02   160.12   29.51  7255.47     1.20     0.28     2.52     1.58     0.00     0.00     0.00     1.18    13.82    11.58
 300.    141.38   160.22   40.02  7114.98     1.21     0.27     2.41    -0.73     0.00     0.00     0.00     1.22    13.90    10.19
 305.    137.05   165.27   50.23  7044.70     1.21     0.28     2.41    -0.95     0.00     0.00     0.00     1.21    14.07    14.34
 310.    149.52   171.95   59.49  6904.15     1.23     0.27     2.33    -1.19     0.00     0.00     0.00     1.22    14.09    10.22
 315.    148.80   173.52   69.69  6728.54     1.24     0.27    •2.46    -1.12     0.00     0.00     0.00     1.19    14.12    10.36
 320.    129.17   169.32   10.06  6623.16     1.24     0.27     2.38     4.70     0.00     0.00     0.00     1.21    14.22    13.07
 325.    134.20   161.60   19.30  6552.88     1.24     0.27     2.38     3.79     0.00     0.00     0.00     1.19    14.17     6.62
 330.    126.76   166.27   29.49  6377.22     1.24     0.27     2.42     1.39     0.00     0.00     0.00     1.20    14.16    10.96
 335.    129.15   166.00   40.02  6342.11     1.25     0.27     2.41    -0.70     0.00     0.00     0.00     1.19    14.10    10.23
 340.    138.05   173.00   50.22  6201.56     1.25     0.26     2.43    -0.96     0.00     0.00     0.00     1.22    14.24    12.39
 345.    129.34   164.80   59.47  6025.90     1.25     0.26     2.41    -1.18     0.00     0.00     0.00     1.22    14.27    10.82
 350.    136.00   172.80   69.69  5990.79     1.25     0.26     2.44    -1.04     0.00     0.00     0.00     1.21    14.31     9.04
 355.    140.70   168.57   10.06  5850.29     1.26     0.26     2.49     4.80     0.00     0.00     0.00     1.19    14.31     9.99
 360.    140.70   171.52   19.30  5604.36     1.25     0.26     2.44     3.50     0.00     0.00     0.00     1.23    14.29    11.01
 365.    125.02   155.90   29.50  5463.86     1.26     0.26     2.39     1.23     0.00     0.00     0.00     1.21    14.34     8.25
 370.    128.95   166.65   40.02  5323.31     1.26     0.26     2.42    -0.65     0.00     0.00     0.00     1.19    14.42    11.05
 375.    122.41   160.52   50.22  5077.43     1.28     0.26     2.48    -0.83     0.00     0.00     0.00     1.21    14.48    12.25
 380.    139.55   166.05   59.48  4972.04     1.28     0.26     2.44    -1.19     0.00     0.00     0.00     1.21    14.49     8.90
 385.    129.85   169.38   69.68  4726.11     1.27     0.26     2.33    -1.08     0.00     0.00     0.00     1.19    14.52    10.35
 390.    134.30   171.97   10.06  4625.86     1.28     0.25     2.33     4.56     0.00     0.00     0.00     1.21    14.52    12.00
 395.    153.02   181.02   19.29  4538.56     1.27     0.25     2.43     3.89     0.00     0.00     0.00     1.19    14.57    10.52
 400.    137.27   174.77   29.49  4385.84     1.26     0.25     2.36     1.65     0.00     0.00     0.00     1.21    14.60    14.32
 405.    144.35   181.00   40.01  4298.54     1.27     0.25     2.39    -0.73     0.00     0.00     0.00     1.21    14.54    11.40
 410.    146.20   178.85   50.22  4189.44     1.26     0.25     2.41    -1.01     0.00     0.00     0.00     1.18    14.65    12.58
 415.    148.95   177.30   59.49  4102.17     1.25     0.24     2.34    -1.22     0.00     0.00     0.00     1.17    14.64    12.29
 420.    121.88   163.30   69.69  4014.90     1.25     0.24     2.34    -1.13     0.00     0.00     0.00     1.16    14.67    11.36
 425.    136.05   162.80   10.07  3949.41     1.24     0.24     2.19     4.64     0.00     0.00     0.00     1.14    14.70     8.61
 430.    141.02   171.30   19.30  3062.15     1.23     0.24     2.28     3.75     0.00     0.00     0.00     1.13    14.75    12.04
 435.    148.95   181.65   29.51  3774.88     1.23     0.24     2.25     1.26     0.00     0.00     0.00     1.12    14.84    11.72
 440.    141.88   185.47   40.02  3622.13     1.22     0.23     2.25    -0.66     0.00     0.00     0.00     1.11    14.95    14.35
 445.    151.95   178.87   50.22  3534.86     1.21     0.23     2.18    -0.96     0.00     0.00     0.00     1.13    14.94     9.34
 450.    140.45   172.30   59.48  3469.40     1.18     0.22     2.16    -1.15     0.00     0.00     0.00     1.09    15.05    13.03
 455.    134.65   164.65   69.68  3302.11     1.17     0.23     2.19    -1.08     0.00     0.00     0.00     1.07    15.14    11.69
 460.    123.83   159.62   10.06  3338.46     1.16     0.22     2.14     4.65     0.00     0.00     0.00     1.04    15.12     9.03
 465.    137.25   177.30   19.29  3229.38     1.13     0.21     2.15     3.55     0.00     0.00     0.00     1.00    15.23     9.34
 470.    129.10   163.15   29.49  3163.93     1.12     0.21     2.09     1.58     0.00     0.00     0.00     1.00    15.35     8.92
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PRC15-W-4-1/2                                                              PAGE     9
TIME       28        29        30       31         32        33        34        35        36        37        38        39        40        41
 475.    129.71    159.88    40.01   3098.44     1.10      0.21      1.93     -0.70      0.00      0.00      0.00      1.00     15.50     10.27
 480.    150.45    167.65    50.22   3054.82     1.10      0.20      1.94     -0.95      0.00      0.00      0.00      0.96     15.62      7.89
 485.    133.32    167.40    59.47   2923.90     1.07      0.20      2.03     -1.24      0.00      0.00      0.00      0.97     15.72     10.84
 490.    151.38    163.02    69.68   2836.61     1.05      0.19      1.88     -1.15      0.00      0.00      0.00      0.93     15.81      9.73
 495.    128.00    166.30    10.06   2814.80     1.03      0.19      1.83      4.31      0.00      0.00      0.00      0.90     15.93      9.73
 500.    138.02    167.70    19.28   2705.69     1.03      0.18      1.84      3.47      0.00      0.00      0.00      0.94     15.99      7.98
 505.    142.52    164.50    29.49   2662.04     1.01      0.18      1.78      1.53      0.00      0.00      0.00      0.90     16.10     10.21
 510.    145.72    162.95    40.00   2596.58     0.99      0.18      1.75     -0.70      0.00      0.00      0.00      0.84     16.17     10.54
 515.    146.50    165.75    50.21   2531.13     0.97      0.17      1.75     -1.01      0.00      0.00      0.00      0.82     16.25      9.19
 520.    133.85    160.22    59.47   2509.32     0.96      0.17      1.67     -1.24      0.00      0.00      0.00      0.81     16.27      7.85
 525.    119.63    151.32    69.68   2443.86     0.94      0.17      1.62     -1.11      0.00      0.00      0.00      0.80     16.34      7.54
 530.    140.65    167.65    10.06   2370.40     0.93      0.17      1.59      4.10      0.00      0.00      0.00      0.77     16.43      7.34
 535.    151.70    160.67    19.29   1920.17     0.89      0.16      1.44      3.34      0.00      0.00      0.00      0.77     16.51      7.53
 540.    205.37    197.80    29.50   1898.36     0.84      0.16      1.45      0.93      0.00      0.00      0.00      0.79     16.60      7.15
 545.    202.47    216.52    40.01   1876.52     0.84      0.15      1.37     -0.86      0.00      0.00      0.00      0.72     16.72     11.59
 550.    180.25    191.67    50.23   1811.06     0.82      0.15      1.40     -1.09      0.00      0.00      0.00      0.72     16.90      6.69
 555.    192.32    195.85    59.49   1789.26     0.80      0.14      1.31     -1.23      0.00      0.00      0.00      0.68     17.17      9.18
 560.    201.46    194.13    69.70   1723.80     0.77      0.14      1.29     -1.03      0.00      0.00      0.00      0.66     17.31      6.46
 565.    158.55    179.57    10.06   1701.96     0.77      0.13      1.26      3.93      0.00      0.00      0.00      0.66     17.39      8.18
 570.    171.92    184.82    19.31   1658.34     0.76      0.13      1.20      3.17      0.00      0.00      0.00      0.65     17.43      6.98
 575.    157.00    172.17    29.51   1614.69     0.74      0.13      1.22      1.11      0.00      0.00      0.00      0.62     17.43      8.31
 580.    168.17    168.95    40.03   1592.88     0.73      0.13      1.20     -0.60      0.00      0.00      0.00      0.61     17.47      7.92
 585.    176.63    175.70    50.22   1592.88     0.71      0.13      1.16     -1.05      0.00      0.00      0.00      0.61     17.48      7.12
 590.    173.50    173.60    59.48   1505.58     0.72      0.12      1.12     -1.26      0.00      0.00      0.00      0.59     17.50      8.22
 595.    156.77    171.67    69.69   1461.94     0.70      0.12      1.10     -1.16      0.00      0.00      0.00      0.55     17.58      6.73
 600.    171.95    176.57    10.07   1461.94     0.68      0.12      1.11      3.83      0.00      0.00      0.00      0.55     17.73      7.17
 605.    171.82    166.00    19.30   1396.48     0.68      0.12      1.07      2.77      0.00      0.00      0.00      0.55     17.76      4.65
 610.    137.67    155.47    29.50   1418.32     0.67      0.11      1.05      1.03      0.00      0.00      0.00      0.52     17.75      7.40
 615.    146.55    153.50    40.01   1374.67     0.65      0.11      1.03     -0.67      0.00      0.00      0.00      0.51     17.76      6.46
 620.    152.85    148.92    50.22   1287.40     0.65      0.11      0.98     -1.05      0.00      0.00      0.00      0.51     17.84      6.58
 625.    155.20    166.30    59.47   1200.11     0.63      0.10      0.92     -1.20      0.00      0.00      0.00      0.50     17.89      6.67
 630.    164.30    169.07    69.68   1200.11     0.63      0.10      0.91     -1.20      0.00      0.00      0.00      0.50     17.91      7.13
 635.    160.55    170.40    10.05   1243.76     0.61      0.10      0.90      3.60      0.00      0.00      0.00      0.49     18.01      4.33
 640.    141.90    155.52    19.29   1156.46     0.59      0.10      0.89      2.73      0.00      0.00      0.00      0.46     18.06      7.94
 645.    180.32    170.90    29.50   1091.00     0.60      0.10      0.87      0.84      0.00      0.00      0.00      0.46     18.14      5.46
 650.    149.97    158.13    40.01   1134.65     0.58      0.10      0.88     -0.60      0.00      0.00      0.00      0.45     18.14      7.03
 655.    161.67    168.35    50.23   1047.38     0.51      0.10      0.80     -0.92      0.00      0.00      0.00      0.46     18.18      5.53
 660.    155.85    156.95    59.48    981.93     0.50      0.09      0.75     -1.18      0.00      0.00      0.00      0.42     18.18      6.81
 665.    156.82    158.95    69.69    938.29     0.50      0.09      0.76     -1.16      0.00      0.00      0.00      0.42     18.23      5.34
 670.    159.75    157.13    10.06    960.08     0.48      0.09      0.80      3.35      0.00      0.00      0.00      0.41     18.30      6.87
 675.    151.38    158.47    19.30    938.28     0.47      0.09      0.74      2.56      0.00      0.00      0.00      0.40     18.40      5.55
 680.    147.15    154.72    29.51    916.44     0.47      0.09      0.72      0.54      0.00      0.00      0.00      0.39     18.50      4.22
 685.    151.95    154.27    40.02    785.52     0.49      0.09      0.69     -0.67      0.00      0.00      0.00      0.39     18.54      6.44
 690.    147.95    153.42    50.24    829.17     0.38      0.08      0.62     -0.85      0.00      0.00      0.00      0.38     18.57      6.88
 695.    157.07    155.50    59.48    807.36     0.39      0.08      0.61     -1.18      0.00      0.00      0.00      0.39     18.60      7.37
 700.    149.22    154.67    69.68    720.06     0.38      0.08      0.59     -1.10      0.00      0.00      0.00      0.38     18.60      5.39
 705.    140.47    149.72    10.07    763.71     0.37      0.08      0.49      2.97      0.00      0.00      0.00      0.36     18.66      3.39
 710.    124.88    142.15    19.29    741.90     0.36      0.08      0.51      2.21      0.00      0.00      0.00      0.34     18.74      2.62
 715.    133.80    146.25    29.51    720.06     0.35      0.08      0.51      0.76      0.00      0.00      0.00      0.33     18.86      6.07
 720.    135.45    136.63    40.03    698.26     0.36      0.08      0.46     -0.58      0.00      0.00      0.00      0.32     18.93      6.00
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PRC15-W-4-1/2
TIME        42        43        44        45        46        47        48
  0.      4.35      0.51     -1.34      1.22     -1.09      0.00      0.00
  0.     -0.76     -0.36      0.73     -0.90     -0.29      0.00      0.00
  0.     -1.96      0.44      0.81     -0.15      0.46      0.00      0.00
  0.     -0.41     -0.88     -0.68      0.31     -1.68      0.00      0.00
  0.     -0.46      0.09      0.09     -0.09      1.37      0.00      0.00
  0.     -0.77      0.21      0.39     -0.38      1.23      0.00      0.00
  5.      2.26      0.38     -0.99     -2.04     -1.06      0.01      5.00
 10.     -0.04      0.61      1.41     -1.83     -0.45      0.04     10.00
 15.      4.47      0.08      1.99     -1.76     -0.19      0.06     15.00
 20.      4.13     -0.48      1.42     -1.28     -1.90      0.10     20.00
 25.      6.44     -2.43      0.42     -1.47     -2.08      0.17     25.00
 30.      5.36     -0.82      1.41     -0.49     -0.41      0.28     30.00
 35.      3.31      0.49      2.05     -2.01     -0.93      0.45     35.00
 40.      4.12     -0.38      0.79     -2.29      1.45      0.83     40.00
 45.      4.73      1.01     -0.82     -0.72      0.50      1.19     45.00
 50.      7.51     -1.07      0.04      0.28     -0.86      1.64     50.00
 55.      7.41      1.83      1.05     -0.76     -1.74      2.02     55.00
 60.      6.26      0.08     -0.29     -2.22      0.58      2.57     60.00
 65.      4.34      2.71     -0.95      1.12     -0.86      2.99     65.00
 70.      5.75      3.27     -2.16      0.91      0.65      3.37     70.00
 75.      7.89      0.03      3.19     -1.21     -4.60      3.80     75.00
 80.      6.95      2.01      1.62     -2.62     -2.55      4.31     80.00
 85.      7.76      1.79     -2.32     -0.40      2.26      5.11     85.00
 90.      5.81      3.20      0.25     -2.13      0.07      5.49     90.00
 95.      8.03      2.16      2.30     -1.17      0.49      5.94     95.00
100.      4.67      4.20     -1.38     -2.37      0.68      6.43    100.00
105.      6.64      3.74      0.19     -1.24     -1.47      7.11    105.00
110.      4.95      3.27      1.22     -0.14     -2.37      7.46    110.00
115.      7.72      3.72     -1.67     -1.92     -2.32      7.58    115.00
120.      5.54      3.33     -0.61      0.38      0.55      7.71    120.00
125.      7.79      3.23      1.77     -2.27     -1.90      7.48    125.00
130.      6.88      1.65      2.89     -1.60     -0.58      7.80    130.00
135.      4.59      4.03      0.47     -0.18     -0.63      7.94    135.00
140.      9.73      3.39     -2.08     -4.13      1.19      7.88    140.00
145.      7.16      4.02     -1.10     -1.28      0.88      7.84    145.00
150.      6.13      3.86     -1.63      0.86     -2.39      7.75    150.00
155.      7.31      1.50      0.59     -1.53     -2.50      7.70    155.00
160.      5.93      4.05     -0.87     -3.01      0.97      7.62    160.00
165.      7.40      6.71      0.47     -2.29     -1.83      7.52    165.00
170.      6.36      2.33      1.75     -4.51     -0.36      7.51    170.00
175.      8.66      3.77     -1.75     -0.63     -0.48      7.57    175.00
180.      4.87      0.70      2.06     -1.81     -1.26      7.63    180.00
185.      5.20      5.53      0.13     -1.70     -0.41      7.22    185.00
190.      6.59      2.54      0.32      0.00     -3.89      7.26    190.00
195.      3.07      4.54      0.69     -1.25      0.20      7.36    195.00
200.      7.25      2.33     -0.22     -1.06     -1.29      7.07    200.00
205.      4.47      0.76      0.90     -1.31      0.75      7.32    205.00
210.      3.77      3.66     -0.29     -3.68      2.00      7.23    210.00
215.      9.15      1.17     -0.91     -2.20      0.38      7.14    215.00
220.      8.22      2.52      2.16     -4.42      2.07      7.28    220.00
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PRC15-W-4-1/2
TIME       42        43        44        45        46         47       48
 225.     6.98      3.73     -0.51     -0.10     -1.52       7.01   225.00
 230.     6.63      1.47      1.03     -1.79     -1.42       7.17   230.00
 235.     9.27      1.71      3.51     -1.60     -1.13       7.07   235.00
 240.     8.41     -0.41      4.30     -1.84     -4.21       6.95   240.00
 245.     4.14      4.03      0.49     -1.24      0.55       6.76   245.00
 250.     6.60      1.79      0.85     -2.01      1.39       7.00   250.00
 255.     7.98     -0.83      2.43     -2.77     -0.12       6.96   255.00
 260.     4.72      0.97      1.70     -2.83     -0.39       6.99   260.00
 265.     9.39      2.80     -1.64     -2.22     -0.60       6.78   265.00
 270.     5.80      4.65      0.08     -0.93     -0.44       6.67   270.00
 275.     6.36      2.01     -0.19     -3.03      1.84       6.69   275.00
 280.     8.98      2.47     -0.25     -0.48     -0.68       6.63   280.00
 285.     7.21      3.76      0.79     -2.05     -2.95       6.60   285.00
 290.     6.29      2.32      2.22     -2.23     -0.77       6.49   290.00
 295.     6.08      3.62      0.92     -0.59     -2.63       6.70   295.00
 300.     8.92      1.37      1.77     -2.53      0.84       6.48   300.00
 305.     9.44      0.66      1.83     -1.71     -0.83       6.27   305.00
 310.     8.15      3.98     -2.23     -1.54     -1.63       6.36   310.00
 315.     7.01      3.59     -0.17     -3.52      0.71       6.22   315.00
 320.     4.35      6.29     -0.58      0.87     -1.83       6.11   320.00
 325.    11.22     -0.78      1.77     -3.04     -3.29       6.22   325.00
 330.     6.51      2.28      0.53     -1.37     -3.32       6.17   330.00
 335.     7.52      1.56      2.51     -2.58     -0.58       6.32   335.00
 340.     5.50      3.60     -0.98     -0.64     -1.23       6.13   340.00
 345.     8.23      2.67     -1.42     -2.12     -1.64       6.06   345.00
 350.     8.18      0.84      2.09     -1.77     -2.74       6.00   350.00
 355.     7.79      0.50      1.85     -1.83     -1.89       6.00   355.00
 360.     4.84      2.88      1.04     -2.14      1.10       5.97   360.00
 365.     8.72      3.33      0.32     -3.13     -0.39       5.91   365.00
 370.     7.26      2.63      0.87     -1.81     -2.25       5.84   370.00
 375.     5.68      2.99     -0.93      1.52     -5.71       5.84   375.00
 380.     4.40      1.33      2.72     -1.86      0.33       5.76   380.00
 385.     9.39      0.62      1.04      0.56     -2.66       5.72   385.00
 390.     4.30      4.39     -1.50     -1.47     -0.42       5.74   390.00
 395.     7.27      3.43      0.32     -1.85     -2.12       5.62   395.00
 400.     8.76     -0.21      2.77     -1.29      0.17       5.54   400.00
 405.     4.71      3.21     -0.65      1.35     -1.68       5.70   405.00
 410.     5.20      2.71     -0.73     -1.89     -2.67       5.55   410.00
 415.     7.02      2.01      2.08     -2.61     -1.38       5.61   415.00
 420.     5.87      3.63     -0.08     -1.28     -1.05       5.48   420.00
 425.     4.08      2.38     -0.12     -1.13     -1.25       5.57   425.00
 430.     4.26      1.69      0.39     -0.58     -1.21       5.44   430.00
 435.     7.52      1.59      1.87     -2.92      0.87       5.20   435.00
 440.     6.81      1.31      0.60     -0.86     -1.79       5.16   440.00
 445.     8.77      2.02     -0.21     -1.01     -0.76       5.22   445.00
 450.     5.40      3.50     -0.50      0.17     -1.03       4.94   450.00
 455.     5.34      0.90      1.86     -1.75     -0.93       4.86   455.00
 460.     7.89      2.45     -0.05     -2.82      0.07       5.00   460.00
 465.     7.23      2.66      0.06     -1.37     -1.60       4.83   465.00
 470.     9.10      1.23      1.13     -2.35     -0.12       4.59   470.00
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TIME	42	43	44	45	46	47	48
475.	4.66	3.56	0.64	-2.25	-1.00	4.42	475.00
480.	10.07	0.26	1.34	-2.55	-2.10	4.29	480.00
485.	6.35	3.08	0.28	-1.15	-2.09	4.14	485.00
490.	7.09	3.20	-1.14	-0.71	-2.96	4.05	490.00
495.	6.95	0.32	1.19	-1.40	-2.47	3.88	495.00
500.	4.46	6.30	-2.14	-1.26	0.35	3.83	500.00
505.	4.30	3.81	0.13	-0.80	-1.36	3.63	505.00
510.	5.40	3.51	0.15	-0.98	-0.64	3.62	510.00
515.	6.35	2.70	0.43	-0.66	-2.13	3.52	515.00
520.	3.97	0.99	1.80	-3.08	0.55	3.53	520.00
525.	9.03	-0.42	1.12	-2.64	0.10	3.38	525.00
530.	7.33	2.20	-0.40	-1.46	-0.44	3.36	530.00
535.	4.78	2.74	-0.06	-0.54	-1.61	3.18	535.00
540.	6.72	2.77	-0.63	-0.84	-2.51	3.19	540.00
545.	3.32	3.40	0.97	-1.31	-2.48	2.98	545.00
550.	4.01	1.05	1.00	-1.50	-2.15	2.80	550.00
555.	5.91	5.47	-2.82	-1.85	-3.38	2.38	555.00
560.	4.22	0.44	1.61	-3.85	-2.05	2.41	560.00
565.	4.26	0.65	3.09	-4.26	-1.19	2.33	565.00
570.	6.36	0.96	1.77	-2.77	-1.31	2.32	570.00
575.	4.21	0.75	2.27	-3.03	-2.39	2.33	575.00
580.	6.84	0.36	2.19	-2.58	-2.64	2.24	580.00
585.	7.53	0.09	1.89	-2.13	-2.63	2.24	585.00
590.	5.07	1.60	0.87	-1.21	-1.12	2.24	590.00
595.	6.39	0.63	2.34	-3.60	-0.03	2.09	595.00
600.	4.11	0.44	1.22	-2.26	-0.67	1.99	600.00
605.	7.12	1.31	0.67	-2.23	-1.99	1.98	605.00
610.	3.93	0.41	1.67	-2.12	-1.45	1.94	610.00
615.	4.13	-0.38	2.18	-2.89	-2.52	1.92	615.00
620.	3.56	1.99	1.13	-2.04	-1.65	1.78	620.00
625.	4.80	1.07	1.76	-2.67	-0.90	1.80	625.00
630.	4.70	2.27	-0.56	-1.34	-0.07	1.79	630.00
635.	3.94	2.98	0.25	-0.86	-1.52	1.67	635.00
640.	4.28	1.59	0.92	-1.61	-2.12	1.59	640.00
645.	5.60	1.02	0.21	-1.30	-3.03	1.57	645.00
650.	5.33	-0.06	2.32	-2.11	-0.34	1.51	650.00
655.	5.04	2.02	0.08	-0.53	-0.26	1.43	655.00
660.	2.72	3.24	0.59	-1.77	-0.49	1.49	660.00
665.	6.26	0.62	1.23	-1.19	-2.09	1.43	665.00
670.	5.65	0.20	1.88	-1.17	-2.03	1.31	670.00
675.	4.85	0.66	1.52	-1.60	-2.28	1.13	675.00
680.	4.75	0.14	2.17	-3.23	-1.90	1.13	680.00
685.	5.35	0.41	1.33	-2.67	-1.58	1.11	685.00
690.	2.95	2.70	-0.34	-0.59	-0.55	1.07	690.00
695.	2.95	2.41	-0.61	-0.88	-2.02	1.07	695.00
700.	4.20	1.60	0.42	-1.26	-1.19	1.04	700.00
705.	5.27	0.00	1.31	-1.23	-2.71	0.94	705.00
710.	5.05	0.41	1.15	-2.63	-0.70	0.89	710.00
715.	1.40	4.45	-1.00	-0.85	0.40	0.76	715.00
720.	4.40	3.27	-0.22	-0.47	-1.40	0.70	720.00

PRC13-P-2-1/2

TIME	0	1	2	3	4	5	6	7	8	9	10	11	12	13
0.	23.00	22.72	22.75	22.70	22.32	22.27	22.15	24.90	24.38	24.63	24.22	24.00	23.72	23.40
0.	22.95	22.82	22.42	22.67	22.30	22.20	22.15	24.85	24.75	24.65	24.22	23.92	23.65	23.32
0.	23.52	23.02	22.47	22.80	22.22	22.20	22.15	24.82	24.77	24.60	24.20	24.05	23.75	23.35
0.	23.75	23.00	22.40	22.82	22.67	22.05	22.00	24.80	24.32	24.63	24.30	24.07	23.70	23.37
0.	23.95	23.02	22.52	23.02	22.55	22.17	22.00	24.82	24.30	24.57	24.30	23.97	23.80	23.35
0.	23.95	22.92	22.60	22.95	22.30	22.50	22.30	24.85	24.77	24.60	24.30	24.07	23.75	23.35
5.	23.37	23.70	23.63	23.42	23.00	22.12	22.22	25.17	28.35	24.70	24.25	24.32	24.22	24.07
10.	27.27	31.49	25.00	23.45	23.13	22.17	22.35	25.57	30.35	28.80	28.82	29.80	29.02	29.42
15.	36.66	32.39	23.95	23.20	23.20	22.63	22.45	26.30	37.70	33.66	32.93	32.41	31.39	32.24
20.	41.98	35.73	24.95	23.07	22.85	22.45	22.40	27.00	45.12	38.15	37.05	38.17	37.02	37.68
25.	57.17	47.49	31.17	23.27	23.70	22.55	22.22	29.13	59.12	46.51	45.76	48.05	48.22	49.68
30.	85.93	61.48	32.49	23.72	24.50	22.72	22.47	32.07	80.26	65.19	64.02	67.86	66.88	66.64
35.	120.88	91.86	43.49	24.10	24.72	22.75	22.57	38.15	120.73	114.54	118.37	125.88	103.54	106.22
40.	165.45	154.97	41.93	24.45	24.57	22.65	22.67	46.68	183.35	148.67	151.50	157.85	152.95	159.32
45.	232.90	200.93	48.15	24.22	25.30	22.80	22.97	54.66	254.32	230.05	228.50	229.17	205.39	198.71
50.	250.61	239.19	60.48	25.10	25.60	22.38	22.35	66.19	288.29	260.44	252.22	261.56	246.41	259.24
55.	271.12	223.88	49.24	25.30	26.13	22.65	22.65	83.57	357.19	304.63	297.07	294.66	284.41	279.58
60.	311.88	275.19	64.05	25.72	26.40	22.70	22.82	102.49	362.17	330.48	321.64	317.62	306.00	301.76
65.	309.51	266.27	81.57	26.07	26.67	23.02	23.20	122.63	370.50	347.29	344.45	345.79	326.76	314.90
70.	309.46	283.98	91.36	26.63	27.42	22.85	22.95	142.15	371.42	353.67	352.76	350.45	342.19	322.40
75.	314.54	285.71	96.00	27.42	28.20	23.20	23.20	156.82	395.59	366.79	365.83	355.55	341.74	340.98
80.	311.09	302.44	84.48	27.65	27.85	22.57	22.95	169.65	390.55	365.09	365.19	369.79	368.30	360.55
85.	315.17	302.95	118.02	27.55	27.67	23.20	23.05	181.70	398.40	370.86	370.98	367.09	360.71	349.40
90.	316.38	294.00	186.67	27.65	28.22	23.10	23.20	196.80	410.93	395.40	383.38	367.79	368.38	362.81
95.	321.79	314.95	124.90	28.15	28.37	22.92	23.32	205.17	409.32	397.86	389.57	369.67	365.21	355.33
100.	324.86	316.93	173.75	29.10	28.25	22.80	22.92	217.55	429.55	402.21	394.79	385.78	370.86	367.67
105.	321.55	321.07	167.05	27.27	29.25	23.13	22.97	225.92	409.42	403.98	397.12	390.55	381.95	382.19
110.	326.24	317.41	165.55	26.82	29.70	22.92	22.65	227.90	405.19	400.38	396.50	393.26	383.38	382.31
115.	338.80	303.98	152.65	27.25	29.32	23.02	22.95	235.98	430.57	408.69	395.02	389.76	370.44	369.00
120.	327.64	311.09	167.22	28.47	28.95	23.37	23.17	241.80	401.46	398.95	391.62	382.57	362.46	362.90
125.	324.52	291.24	167.30	28.17	29.17	22.90	23.17	243.73	401.37	386.93	383.29	369.46	369.69	363.69
130.	341.29	316.00	160.32	28.15	29.02	22.90	23.15	246.63	424.50	390.31	382.31	370.07	368.43	363.38
135.	327.95	294.34	124.83	27.75	29.37	22.72	22.95	248.76	405.74	385.90	368.07	366.46	363.64	356.00
140.	323.48	291.71	175.55	30.54	29.63	22.82	23.40	251.02	395.33	388.52	380.52	368.21	364.43	358.00
145.	340.66	312.17	133.60	30.41	29.51	22.88	23.27	256.44	407.26	392.86	385.88	382.48	364.58	364.62
150.	338.83	312.45	199.51	29.88	29.63	23.07	23.50	260.32	406.59	393.19	388.14	386.07	369.46	370.46
155.	341.88	316.80	185.07	28.75	30.12	23.07	23.25	264.85	426.43	404.52	400.33	392.81	383.95	371.53
160.	339.22	311.32	191.52	28.42	29.00	22.67	23.17	268.63	410.40	404.12	394.98	390.21	381.93	364.02
165.	341.32	314.71	176.25	31.44	30.15	22.80	22.95	274.15	429.21	407.38	398.29	394.62	381.14	365.53
170.	330.09	315.00	152.92	29.10	30.00	23.05	23.07	275.17	404.79	404.90	396.36	389.19	365.95	367.00
175.	344.22	316.24	139.32	27.92	31.39	22.75	23.40	277.80	410.39	396.29	389.45	386.14	367.58	363.74
180.	340.69	313.00	179.15	27.07	31.15	23.00	23.27	279.39	406.21	398.21	392.98	386.29	364.53	363.64
185.	339.51	306.17	165.12	29.82	31.61	22.75	23.07	279.07	396.35	388.14	384.17	380.76	362.86	362.76
190.	328.21	307.00	147.63	30.88	31.12	22.85	23.00	280.34	399.57	395.67	389.55	382.81	369.81	361.17
195.	324.33	292.88	162.70	29.17	31.88	22.72	23.20	279.85	387.12	385.09	367.70	368.69	359.98	357.19
200.	319.95	293.36	175.70	29.34	31.10	22.45	22.75	279.34	389.31	380.76	361.70	366.52	354.00	348.48
205.	319.26	304.00	170.10	29.65	31.07	23.13	23.35	279.83	382.43	368.12	363.26	369.93	358.09	350.83
210.	324.88	303.19	188.57	29.82	31.41	23.10	23.10	280.00	393.32	370.44	366.16	364.56	361.05	353.14
215.	325.95	301.95	167.50	29.30	31.66	23.07	23.20	279.05	370.21	363.86	361.70	369.43	364.64	362.93
220.	314.45	293.05	169.50	29.40	30.83	22.90	23.00	278.78	384.33	368.26	370.00	365.95	356.52	351.57

TIME	0	1	2	3	4	5	6	7	8	9	10	11	12	13
225.	323.02	304.98	140.77	29.50	30.95	22.75	23.22	278.88	364.26	365.88	363.07	367.21	356.17	355.00
230.	312.00	305.68	160.38	28.97	32.54	22.57	23.47	278.73	361.77	363.67	358.83	355.45	348.88	346.52
235.	312.67	310.49	155.47	28.07	32.12	23.13	23.67	278.85	364.53	362.55	359.38	358.36	350.59	350.40
240.	319.95	315.44	192.52	29.17	31.54	22.88	23.50	282.88	386.38	381.45	368.81	366.63	362.98	358.95
245.	342.58	325.57	157.07	36.49	31.54	22.95	23.40	285.78	389.71	382.36	367.63	365.65	366.29	370.00
250.	345.17	316.21	155.25	32.17	31.68	23.17	23.92	289.63	400.71	387.98	381.88	370.51	363.02	362.02
255.	340.83	316.07	161.47	31.78	31.83	22.75	23.65	289.34	382.50	371.42	367.46	367.58	365.31	362.36
260.	325.50	311.33	161.92	29.65	32.12	22.97	23.65	288.90	371.42	365.93	368.69	364.79	355.36	350.09
265.	328.09	307.90	182.95	29.50	30.58	22.97	23.65	289.46	369.91	361.65	366.52	363.64	356.09	351.38
270.	318.74	313.67	189.97	29.32	32.07	23.13	23.37	289.34	367.31	365.62	361.57	359.55	349.74	344.05
275.	318.67	315.58	175.60	29.82	31.00	22.92	23.75	289.07	363.57	365.98	360.40	358.93	348.21	344.64
280.	316.71	309.05	216.50	29.40	31.07	23.15	23.65	288.32	363.35	368.09	364.48	360.02	348.50	343.14
285.	313.88	308.80	153.45	29.40	31.58	23.25	24.17	287.15	363.37	359.09	357.40	354.02	344.57	340.86
290.	311.86	309.78	198.45	29.22	31.19	23.22	23.80	285.78	354.54	350.64	347.62	345.88	345.93	341.43
295.	314.12	304.41	126.98	29.05	31.46	23.25	23.95	284.29	352.98	349.05	346.48	343.64	344.44	344.93
300.	310.81	305.39	144.67	32.80	32.71	23.35	24.77	282.98	355.55	348.74	346.36	345.69	346.73	347.27
305.	312.51	304.41	138.10	29.73	30.93	23.22	23.95	281.80	350.50	346.83	344.14	341.71	341.12	341.37
310.	306.95	292.68	139.27	29.80	32.56	23.07	23.95	279.98	346.36	343.29	348.54	347.19	340.10	340.95
315.	314.95	296.95	171.02	29.47	31.71	23.17	24.00	278.49	348.12	347.51	344.88	341.88	327.05	325.36
320.	292.88	290.83	148.77	29.30	32.07	23.25	23.52	276.05	347.44	340.63	339.61	329.33	321.21	321.69
325.	293.59	285.07	151.35	29.45	31.93	23.17	23.55	274.66	329.30	328.93	326.14	326.62	323.55	327.49
330.	296.37	293.27	177.32	29.13	31.32	23.25	23.47	272.19	325.52	325.67	323.36	323.69	318.64	319.45
335.	292.80	287.56	129.22	28.82	31.32	23.05	23.42	269.71	318.57	318.45	315.45	313.98	310.95	311.74
340.	283.93	276.73	185.32	29.52	32.05	23.40	23.30	267.32	316.52	314.45	312.95	311.38	312.95	314.17
345.	285.56	279.98	138.97	29.02	30.27	22.85	23.47	265.68	323.26	316.21	312.79	312.31	314.44	317.02
350.	290.12	280.12	153.42	28.55	32.10	23.22	24.00	263.73	311.45	314.67	311.76	312.90	315.15	314.75
355.	280.56	273.39	101.78	28.65	31.05	23.77	23.30	261.61	316.33	314.71	312.78	312.56	310.29	313.17
360.	274.27	269.46	138.85	28.42	31.12	23.35	23.82	259.56	311.33	308.07	306.83	305.66	301.68	302.56
365.	273.51	263.93	146.12	27.77	30.63	24.35	23.52	257.19	303.76	303.66	302.39	293.40	295.80	290.95
370.	266.17	252.56	136.05	29.00	31.05	23.20	23.52	254.05	304.32	293.50	291.81	297.58	293.51	294.61
375.	265.58	257.22	140.25	27.70	31.00	23.02	22.82	252.29	293.38	295.12	293.54	293.22	288.95	288.05
380.	283.73	241.07	147.27	27.70	30.15	23.20	23.15	250.44	294.56	293.88	293.83	292.61	287.44	287.88
385.	257.85	255.78	125.15	29.37	30.90	23.13	23.22	248.22	292.58	289.93	286.83	284.41	281.58	282.02
390.	255.54	252.51	125.46	29.85	29.73	23.17	23.07	246.27	286.19	284.83	282.95	283.15	279.44	281.32
395.	252.68	252.24	106.07	29.57	30.85	23.27	23.67	244.37	283.19	282.34	280.85	280.10	277.54	279.05
400.	253.15	244.07	107.05	29.17	30.63	23.07	23.40	242.34	280.54	277.56	276.54	274.61	270.63	273.17
405.	261.19	241.08	111.00	28.02	30.65	23.32	23.70	240.46	[illegible]	275.17	274.02	274.17	270.19	273.54
410.	259.27	241.39	78.66	28.50	29.56	23.02	23.30	238.32	275.22	273.22	273.29	273.24	270.15	272.54
415.	251.68	239.66	101.78	28.45	32.61	23.02	23.52	236.10	271.58	268.90	268.15	268.39	265.00	269.19
420.	247.95	234.93	115.93	27.88	31.76	23.30	23.63	234.17	266.41	267.90	266.15	266.12	263.46	264.17
425.	245.44	231.40	105.05	27.52	31.29	23.25	23.07	232.29	263.56	262.83	261.70	262.39	259.37	259.27
430.	245.22	230.34	112.02	28.02	29.61	22.88	23.90	230.10	259.39	258.34	257.58	257.90	255.98	256.02
435.	242.46	224.37	97.24	28.85	31.73	22.67	23.17	228.27	259.32	257.15	255.39	254.73	251.68	251.83
440.	239.24	231.50	108.07	28.55	31.39	22.80	22.92	231.97	253.46	252.49	251.71	251.29	248.44	249.49
445.	237.00	227.30	87.59	27.75	30.37	22.97	23.32	229.67	249.73	248.58	248.49	248.63	245.54	245.12
450.	228.80	217.60	89.71	27.15	30.10	23.32	22.95	227.82	246.44	246.49	246.49	245.32	242.90	243.41
455.	230.05	206.76	79.19	27.30	30.07	23.47	23.55	225.70	242.29	243.22	242.49	242.39	240.10	242.22
460.	229.34	207.73	87.59	27.25	31.08	23.65	23.10	223.77	239.41	240.37	240.54	241.93	240.39	242.93
465.	229.70	207.29	83.38	27.10	30.90	23.55	23.42	222.00	238.27	238.44	237.17	237.19	234.56	235.93
470.	229.60	201.24	88.71	27.38	29.76	23.40	23.17	220.10	235.76	235.46	234.80	235.19	232.80	234.17

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TIME       0        1        2        3        4        5        6        7        8        9       10       11       12       13
 475.   224.47   201.41    95.81    27.25    29.54    23.50    22.82   218.32   231.35   231.63   229.98   230.12   229.15   231.44
 480.   223.05   200.98    85.71    26.97    30.27    23.50    22.95   216.67   228.38   228.05   232.88   233.22   232.95   230.90
 485.   219.50   202.95    93.12    26.97    29.95    23.65    22.70   214.75   230.32   229.47   228.30   228.00   227.42   232.15
 490.   213.95   199.78    96.52    27.00    29.73    23.52    22.90   207.68   227.20   226.05   225.52   226.63   226.12   229.13
 495.   214.22   197.57    92.55    26.88    30.88    24.02    22.70   205.95   224.17   224.45   221.90   222.75   222.35   226.17
 500.   204.71   192.63    73.41    26.88    30.44    23.30    23.27   204.22   220.70   221.25   219.77   219.62   219.30   220.95
 505.   202.05   188.10    77.19    26.72    29.32    23.32    22.63   202.27   217.47   216.55   215.55   216.65   217.02   218.65
 510.   203.25   190.55    77.71    26.82    30.66    23.42    22.88   200.54   213.77   214.38   213.60   214.22   213.77   216.00
 515.   200.65   189.70    60.90    27.05    30.00    23.42    23.00   198.80   206.35   205.93   205.63   207.05   206.17   214.62
 520.   198.52   185.15    70.17    27.15    29.78    23.20    23.13   202.20   203.71   202.78   202.85   203.83   203.85   206.98
 525.   196.20   180.25    70.15    26.57    29.93    23.05    22.85   200.42   200.53   200.12   199.90   200.17   200.98   204.54
 530.   193.82   182.38    71.02    26.40    29.66    23.22    22.90   198.77   198.41   199.02   198.54   199.68   199.27   202.41
 535.   192.07   178.87    67.69    26.30    28.92    23.17    22.85   197.07   199.10   199.85   199.47   201.32   200.70   198.95
 540.   188.50   171.65    64.12    26.20    29.98    23.42    22.85   195.45   197.40   196.90   196.45   198.38   197.32   200.92
 545.   186.00   169.97    58.02    26.13    30.12    23.40    23.00   193.97   196.25   197.00   196.87   198.15   196.97   200.07
 550.   184.50   165.82    57.34    26.05    29.00    22.85    22.85   192.57   194.72   195.50   194.65   195.52   194.97   197.77
 555.   180.80   165.82    71.44    25.57    29.82    23.22    22.95   190.85   189.27   189.72   190.15   191.30   191.50   193.45
 560.   179.35   151.67    75.37    25.67    29.75    23.10    22.77   189.27   186.32   185.42   186.97   189.42   188.70   190.60
 565.   178.75   158.10    69.76    26.05    29.46    23.50    22.72   187.82   183.30   184.77   185.87   188.00   186.55   189.15
 570.   175.27   157.13    63.07    26.42    29.90    22.92    22.38   186.38   182.72   182.92   183.25   185.05   184.67   185.12
 575.   170.50   148.90    54.85    26.30    29.80    22.80    22.38   184.90   177.75   180.07   180.55   182.20   181.55   183.13
 580.   169.07   146.97    67.12    26.17    29.97    22.82    22.57   183.40   176.70   177.85   178.40   179.67   178.50   180.82
 585.   166.65   142.95    70.29    26.02    28.27    22.88    22.82   182.07   173.38   175.35   176.07   177.00   176.55   177.95
 590.   163.35   143.60    65.69    25.70    29.62    22.92    22.67   180.70   172.55   173.40   172.72   173.82   172.70   174.52
 595.   162.30   133.97    61.31    25.95    28.75    23.27    22.55   179.37   171.37   172.42   173.13   173.25   170.38   168.88
 600.   160.07   128.93    56.88    25.65    28.85    23.27    22.82   178.13   170.45   170.82   170.77   170.67   167.75   164.60
 605.   158.13   112.85    55.93    25.88    29.32    23.55    22.97   176.92   165.25   166.65   167.42   167.50   164.95   165.05
 610.   155.82   111.24    57.51    25.63    26.32    23.50    23.50   175.60   165.40   164.13   164.70   164.60   159.95   156.52
 615.   149.95   114.49    50.98    25.38    28.30    23.52    23.07   174.40   164.50   163.22   161.80   162.30   159.52   153.70
 620.   147.60   106.78    55.39    25.50    29.13    23.57    22,95   173.25   163.77   160.00   156.85   154.35   147.25   147.70
 625.   142.82   109.41    59.24    25.88    28.57    23.15    22.77   172.13   162.38   159.72   156.22   153.67   146.88   149.22
 630.   141.17   109.12    56.07    25.70    28.80    23.67    22.88   170.90   160.35   157.40   153.05   150.15   141.40   144.77
 635.   138.05   101.66    52.46    25.50    29.20    23.80    22.97   169.90   158.45   156.85   151.07   150.45   143.57   142.92
 640.   129.61   102.73    50.02    25.25    27.05    23.60    23.25   168.80   158.40   153.22   146.65   147.45   141.57   141.55
 645.   133.57   100.05    56.88    25.35    28.95    23.40    23.15   167.65   155.32   152.02   147.40   144.92   139.67   128.24
 650.   128.22    83.09    56.24    25.25    28.27    23.42    22.97   166.72   154.52   151.20   147.57   141.97   136.67   128.29
 655.   127.00    88.02    51.17    25.47    28.40    23.25    23.05   165.67   153.50   150.25   146.20   140.15   134.15   124.78
 660.   122.54    91.69    49.34    25.25    28.95    23.47    22.82   164.75   152.32   148.25   140.88   135.97   129.58   123.83
 665.   119.22    83.45    53.12    25.10    27.60    23.22    22.85   163.72   152.02   147.57   140.67   134.32   124.88   123.93
 670.   120.76    86.83    50.54    25.27    26.75    23.30    22.45   162.72   151.15   146.30   138.40   133.85   125.73   120.32
 675.   117.66    86.19    48.27    25.32    28.42    23.20    22.80   161.77   149.25   145.27   136.88   127.90   124.46   116.29
 680.   119.98    84.83    48.95    25.13    27.88    22.92    22.50   160.95   148.50   144.15   135.32   125.73   120.71   113.58
 685.   112.63    83.24    55.00    25.22    27.42    23.55    22.38   160.10   148.40   143.95   134.32   124.02   119.15   111.44
 690.   111.22    80.90    56.37    25.22    27.17    23.57    22.55   159.22   148.42   142.50   129.90   123.51   116.17   112.00
 695.   108.61    79.67    46.39    25.47    27.12    23.25    22.65   158.40   146.70   143.17   134.60   122.07   113.44   107.98
 700.   108.24    77.71    47.78    25.25    28.17    23.77    22.80   157.42   145.32   141.92   129.07   121.19   114.44   108.02
 705.   106.58    77.56    43.66    25.67    26.40    23.37    22.60   156.70   145.15   141.75   127.51   116.63   108.54   105.93
 710.   101.15    80.55    43.73    25.47    28.35    23.37    22.70   155.82   144.52   141.13   127.34   116.63   110.54   101.63
 715.   102.98    78.24    47.39    25.50    27.40    23.30    22.88   155.02   143.75   140.35   126.29   116.49   110.17   103.12
 720.   105.05    75.29    51.19    25.07    27.10    22.82    22.55   154.25   143.42   140.07   125.37   115.12   108.49   101.32
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TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
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   0.   23.02    22.92    22.90    22.97    22.95    22.90    22.38    22.45    21.27    22.95    24.75    22.27    22.10    22.15
   0.   23.05    22.95    22.82    23.02    23.00    22.88    22.40    22.40    21.22    23.05    24.82    22.32    22.17    22.12
   0.   23.02    22.92    22.85    22.97    23.00    22.95    22.45    22.45    21.25    23.10    24.80    22.38    22.20    22.15
   0.   23.10    22.92    22.90    22.97    23.10    22.97    22.40    22.45    21.30    23.13    24.82    22.32    22.25    22.17
   5.   23.82    23.85    23.55    23.67    23.37    23.50    22.97    23.00    21.25    23.63    25.17    22.90    22.80    22.57
  10.   27.22    24.97    24.15    24.10    23.80    24.02    23.20    23.17    21.35    24.05    25.45    23.00    22.97    22.60
  15.   31.76    31.27    28.37    25.00    24.92    24.95    23.65    23.35    21.35    24.67    25.92    23.17    23.17    22.70
  20.   37.41    36.05    31.22    27.10    26.02    26.15    23.92    23.75    21.30    25.82    26.65    23.32    23.35    22.75
  25.   48.54    44.37    42.61    37.10    29.88    28.63    24.80    24.45    21.50    29.13    28.67    24.22    24.10    22.77
  30.   64.05    58.81    53.41    39.73    34.46    31.83    25.82    25.82    21.70    34.90    31.19    25.17    25.07    23.00
  35.  101.02    91.36    74.22    50.95    44.17    39.78    29.80    28.02    21.35    45.00    36.66    26.35    26.22    23.13
  40.  156.47   143.92    94.24    62.50    57.00    45.85    31.39    29.51    22.12    56.56    44.49    28.20    27.90    23.47
  45.  199.17   199.47   129.93    69.66    58.76    49.32    33.90    30.85    22.12    67.57    57.10    28.63    28.52    23.92
  50.  236.49   231.41   162.70    75.29    70.71    54.41    35.51    32.78    22.42    79.26    70.46    30.12    29.88    24.67
  55.  255.88   243.95   176.35    87.57    74.95    57.95    39.95    36.22    22.55   101.88    87.50    32.56    32.05    25.52
  60.  272.22   247.24   179.45    93.12    86.21    62.36    44.02    39.73    23.22   122.29   112.56    36.41    34.83    26.57
  65.  292.14   268.66   207.85   122.76   110.83    72.05    44.80    40.58    23.45   143.90   129.76    37.95    37.54    27.82
  70.  309.85   292.02   227.32   127.41   111.49    78.83    49.51    42.02    23.45   154.60   151.52    36.93    37.02    29.62
  75.  309.68   290.24   227.88   149.30   112.05    76.22    51.93    43.37    23.45   163.85   164.95    39.95    38.41    30.10
  80.  320.31   307.27   245.41   158.97   123.10    79.07    51.51    45.19    24.15   169.97   179.80    40.90    40.90    31.54
  85.  317.98   310.22   258.68   169.00   150.42    84.79    53.07    45.73    24.13   169.65   189.30    44.54    42.51    32.88
  90.  348.07   315.55   281.34   184.75   155.02    93.33    61.48    53.07    24.55   178.17   198.66    49.71    48.17    34.29
  95.  339.56   311.00   277.85   198.41   159.77   100.51    61.69    50.12    24.25   182.52   216.75    45.24    44.17    35.66
 100.  352.71   323.67   280.66   197.60   156.25   114.19    64.57    56.44    25.20   187.80   226.72    54.05    52.78    37.27
 105.  367.88   329.93   294.05   229.54   167.10   108.10    65.31    50.88    25.38   189.82   232.07    51.56    49.05    39.05
 110.  356.31   325.67   307.17   231.92   168.72   107.15    63.98    55.27    25.53   192.45   237.29    55.29    52.66    40.46
 115.  348.00   323.40   305.95   245.49   185.05   120.88    73.12    60.00    25.38   200.17   245.02    53.19    51.51    41.98
 120.  348.22   316.57   297.68   253.37   194.47   127.15    73.83    58.44    25.35   192.85   250.41    57.68    56.61    42.73
 125.  343.58   322.12   294.90   245.54   180.40   129.46    75.76    59.29    25.50   195.02   251.39    51.54    52.61    44.90
 130.  344.83   330.56   293.78   236.39   183.67   124.54    83.14    55.51    25.20   191.25   253.73    51.88    50.88    45.32
 135.  342.95   326.45   302.85   232.05   192.60   127.93    73.09    59.26    25.10   188.57   254.34    53.24    54.02    45.56
 140.  346.44   321.88   302.98   232.83   191.63   117.98    73.05    58.41    25.30   189.70   258.54    58.43    56.22    45.93
 145.  346.32   320.48   303.15   247.24   194.92   114.39    74.46    58.34    25.32   194.62   264.66    59.29    56.63    47.10
 150.  361.67   342.83   316.10   248.00   203.73   123.12    77.12    58.68    25.30   192.90   267.71    63.98    58.21    47.83
 155.  355.07   341.66   314.46   259.39   192.22   122.76    73.32    59.71    26.25   197.65   275.15    59.95    58.27    48.73
 160.  354.55   339.95   311.00   260.19   190.70   133.45    73.32    58.61    26.17   198.05   280.37    59.14    57.12    49.66
 165.  356.90   340.69   319.40   268.73   197.50   133.55    73.17    59.08    26.47   195.45   282.46    60.24    57.54    50.24
 170.  349.05   322.01   308.98   260.63   200.78   125.63    73.29    62.67    26.50   198.39   284.10    61.90    58.56    51.00
 175.  347.95   324.17   307.15   249.90   195.52   124.88    83.26    58.38    26.50   193.77   287.27    58.57    58.17    51.32
 180.  340.31   324.67   303.58   243.93   185.27   121.51    83.29    63.71    26.55   199.02   287.93    65.93    62.02    51.41
 185.  340.48   323.00   306.24   244.15   185.15   128.66    73.21    62.55    26.75   198.50   289.78    62.52    60.43    51.51
 190.  341.88   313.79   302.83   232.34   180.22   126.46    83.74    67.52    26.65   200.56   292.02    58.86    59.19    52.10
 195.  345.76   323.31   304.39   237.54   168.57   125.24    84.86    66.55    27.20   202.25   289.51    62.12    59.43    52.58
 200.  342.19   317.17   294.85   236.10   176.72   125.24    82.71    63.95    27.55   198.98   289.24    63.95    59.67    53.19
 205.  344.98   324.43   303.15   242.46   173.27   141.27    85.07    64.62    26.92   202.77   288.71    61.71    61.38    53.32
 210.  340.37   314.52   309.15   241.24   173.00   127.93    83.40    59.38    26.35   190.77   287.78    58.55    58.37    52.90
 215.  350.93   325.36   297.78   233.46   190.00   128.56    83.09    60.98    26.30   191.63   287.58    58.85    56.66    52.34
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TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
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 230.   339.66   311.93   305.07   241.02   201.10   145.02    83.69    70.44    27.30   199.83   287.93    65.86    64.19    51.78
 235.   341.98   316.79   314.83   272.58   184.55   134.40    73.17    63.07    27.35   202.65   288.83    67.40    63.79    52.32
 240.   341.88   319.33   312.58   279.83   201.85   147.92    87.38    71.90    28.70   204.61   295.71    71.51    74.80    53.88
 245.   360.00   329.17   312.10   284.51   224.45   152.72    85.40    64.62    28.57   204.29   292.29    71.90    67.12    54.73
 250.   350.98   324.74   315.00   281.88   220.17   154.20    87.00    66.14    28.57   204.29   293.36    70.76    64.09    55.95
 255.   342.81   316.24   315.24   268.63   207.44   147.22    87.83    67.50    28.52   215.45   293.95    65.09    63.14    56.46
 260.   342.56   312.14   316.46   275.51   201.37   148.50    94.17    65.33    28.57   203.07   291.83    71.12    67.21    57.17
 265.   347.12   317.02   310.61   272.00   198.82   160.87   103.19    78.61    28.32   201.82   292.00    74.68    72.41    57.98
 270.   338.61   313.05   310.73   270.29   217.20   158.40    85.07    65.00    28.72   200.32   292.40    69.58    64.50    58.02
 275.   328.26   317.49   308.85   260.80   222.10   160.00    82.71    66.98    28.20   201.75   291.88    63.05    62.45    58.00
 280.   338.66   312.98   312.78   270.10   208.10   158.50    85.67    66.31    28.47   195.63   293.64    70.00    63.17    57.46
 285.   325.43   312.15   290.98   250.76   203.41   145.12    73.27    63.93    29.30   194.45   297.15    70.05    66.71    57.71
 290.   339.78   310.62   304.61   251.02   201.35   144.25    83.69    70.49    29.15   195.95   296.90    63.74    66.40    57.46
 295.   328.26   311.93   290.86   248.90   202.85   151.77    83.93    64.45    29.17   195.60   293.85    61.12    60.81    56.88
 300.   326.69   311.17   293.50   240.80   197.10   159.20    95.79    67.12    29.50   199.97   292.93    70.46    66.86    56.63
 305.   316.95   302.98   294.58   244.22   194.97   138.42    95.36    69.78    29.52   190.85   291.44    72.98    69.88    57.07
 310.   324.31   305.71   293.07   234.78   190.82   129.15   102.02    71.22    29.75   201.30   288.85    62.57    62.83    57.10
 315.   312.38   305.10   281.80   235.12   181.10   128.44    94.93    60.57    29.37   189.92   285.98    63.40    61.43    55.98
 320.   318.02   292.69   284.58   233.15   177.05   137.15    84.36    61.55    29.32   184.20   286.05    61.64    62.45    55.73
 325.   317.55   295.02   280.61   232.58   181.15   142.67    85.55    63.24    29.32   188.40   284.12    72.71    64.02    55.80
 330.   311.68   290.39   278.85   230.35   182.12   147.82    87.40    62.79    29.72   180.27   280.54    65.88    61.12    55.49
 335.   306.49   294.80   272.10   228.20   176.27   134.07    83.26    60.48    29.38   180.05   278.29    58.48    58.80    55.37
 340.   305.15   289.85   279.10   226.88   175.75   123.02    73.00    61.55    29.55   183.75   275.58    66.19    63.31    55.58
 345.   292.40   280.24   275.02   229.54   156.52   121.10    77.64    62.29    29.49   181.25   274.58    66.24    62.38    55.68
 350.   293.88   279.63   270.12   220.05   164.02   123.00    73.93    64.69    29.35   183.13   271.93    65.86    60.14    54.93
 355.   296.15   279.00   261.17   216.15   157.27   112.83    73.12    63.48    29.32   176.80   269.76    65.21    58.19    54.29
 360.   287.93   270.00   258.12   202.22   165.82   115.90    71.50    63.38    29.51   174.72   267.41    65.67    60.64    54.29
 365.   283.17   267.95   261.80   203.10   159.35   119.93    73.49    63.00    29.56   172.72   264.90    67.64    62.67    54.19
 370.   285.29   268.12   258.22   198.22   149.90   116.00    74.95    63.36    29.34   172.35   261.95    61.76    58.22    54.12
 375.   280.27   264.12   253.10   199.77   162.42   118.07    74.32    62.98    29.56   164.52   259.46    62.93    61.36    53.73
 380.   274.29   254.85   238.17   197.02   142.27   109.54    75.58    62.00    29.53   163.55   257.78    62.45    60.19    53.17
 385.   272.61   257.71   249.29   199.05   155.17   111.39    65.43    60.52    29.58   161.65   255.34    66.59    60.45    53.02
 390.   278.90   258.29   236.56   193.30   154.40   106.27    63.43    60.24    29.30   160.42   253.41    67.64    63.19    53.58
 395.   271.85   259.00   244.19   194.07   144.32   102.34    63.79    57.61    29.58   160.45   250.60    61.95    58.88    54.07
 400.   268.46   258.58   238.68   194.97   145.15   102.61    65.33    58.85    29.32   159.85   248.19    59.24    58.41    53.68
 405.   262.90   248.85   231.95   181.80   151.92   114.93    73.80    61.12    29.76   156.17   246.61    58.83    58.93    53.51
 410.   260.66   245.51   229.82   184.75   143.40   106.51    63.74    59.79    29.33   152.92   243.78    63.98    59.83    53.37
 415.   261.56   245.49   228.56   177.80   136.67   113.02    71.80    57.78    29.30   151.07   241.44    58.69    58.05    52.41
 420.   252.90   236.39   225.45   188.65   136.70   115.56    65.86    58.85    29.71   148.02   239.19    56.32    54.05    51.71
 425.   247.56   232.61   223.67   186.77   140.15   111.29    65.17    57.95    29.35   149.82   236.85    59.52    58.71    51.17
 430.   246.80   233.29   217.70   183.35   145.17   111.32    63.59    58.05    29.38   149.80   234.68    58.02    53.90    50.76
 435.   245.68   236.71   206.49   180.65   127.56   110.73    65.14    56.66    29.38   146.52   232.54    58.80    54.68    50.29
 440.   237.95   230.15   219.75   179.20   125.71    96.33    63.83    58.22    29.33   142.97   230.58    57.56    56.22    50.15
 445.   235.27   228.57   206.27   164.02   115.90    96.69    63.26    57.44    30.32   142.45   227.88    59.45    58.02    50.22
 450.   231.02   224.15   214.50   164.97   122.63    89.79    53.00    53.71    30.12   142.22   231.95    59.74    56.29    50.56
 455.   230.95   225.50   199.02   150.55   117.71    94.81    63.09    54.32    30.30   139.50   229.67    54.22    53.76    50.46
 460.   232.50   220.02   201.72   165.80   115.44    95.17    63.17    54.98    30.37   136.57   227.62    59.22    57.66    49.63
 465.   227.10   217.60   203.13   162.72   113.17    87.14    53.14    57.71    30.37   137.72   225.75    54.83    53.10    49.78
 470.   228.19   217.72   192.02   141.65   108.34   102.15    53.55    56.07    30.41   135.65   223.70    58.17    55.73    49.44
```

TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
475.	233.13	213.67	197.57	137.63	113.90	96.55	62.07	59.17	30.46	128.71	221.40	55.37	53.46	48.95
480.	233.15	226.27	186.55	125.24	101.63	93.71	61.02	57.46	30.56	133.90	219.38	51.78	52.61	48.49
485.	227.75	208.12	180.97	116.71	91.29	88.83	53.73	54.73	30.44	124.98	217.45	54.12	52.54	48.29
490.	222.92	203.56	180.95	122.83	93.81	87.29	53.26	55.32	30.53	125.68	215.55	59.31	57.83	47.88
495.	220.05	199.60	174.30	118.71	90.21	84.83	53.17	55.66	30.78	127.63	213.80	55.46	52.73	48.02
500.	215.85	198.17	168.47	115.07	101.41	86.38	53.45	56.88	31.32	127.80	206.61	59.29	56.02	48.10
505.	206.95	193.92	170.67	104.39	88.43	91.12	57.88	53.95	30.33	122.71	204.56	54.66	52.19	48.07
510.	204.34	194.13	164.40	104.37	90.12	93.57	53.38	55.61	30.51	119.98	202.71	52.88	50.56	47.66
515.	202.15	192.80	161.65	97.07	80.83	94.29	55.85	52.71	30.73	121.17	201.05	48.39	47.32	47.07
520.	202.46	186.22	156.40	103.88	89.83	86.00	53.63	54.10	30.56	117.90	199.27	55.58	51.95	46.17
525.	203.20	183.15	156.77	103.39	84.00	81.07	53.80	54.95	31.10	120.46	202.50	52.76	50.63	46.02
530.	202.30	177.55	153.30	100.10	78.81	80.14	55.41	51.15	30.71	117.46	200.67	50.17	48.46	46.00
535.	198.65	174.62	153.72	114.34	84.09	81.81	55.83	52.44	31.32	115.63	198.95	57.10	53.95	45.76
540.	197.17	174.50	145.30	105.95	81.36	81.83	57.88	52.05	31.12	113.54	197.30	49.44	47.78	45.44
545.	195.25	166.20	149.50	108.02	80.52	80.79	57.85	51.29	31.32	114.51	195.87	51.63	51.88	44.71
550.	192.00	166.10	153.27	112.27	82.81	77.46	57.05	52.71	31.19	112.24	194.25	55.98	51.32	44.32
555.	185.12	166.65	138.05	106.98	77.88	80.17	57.80	52.17	31.10	108.12	192.63	51.78	47.46	44.17
560.	181.47	162.52	140.00	102.22	74.02	69.80	54.34	52.34	31.41	108.71	191.00	53.63	50.63	44.05
565.	183.35	157.10	133.97	93.90	72.78	71.02	54.41	52.37	31.44	106.37	189.40	51.56	50.07	44.15
570.	171.35	152.45	136.35	91.33	75.54	74.85	52.22	48.39	31.39	103.34	187.80	52.19	49.19	44.12
575.	170.40	156.97	126.15	94.71	74.15	71.98	51.71	49.39	31.10	100.98	186.25	50.05	47.63	43.61
580.	170.45	153.82	127.80	89.12	75.41	78.12	54.17	52.02	31.71	102.17	184.92	53.63	50.46	43.60
585.	166.70	145.27	120.76	93.43	74.44	67.24	52.71	50.37	31.53	101.73	183.50	50.73	49.83	43.98
590.	160.12	146.40	126.85	100.19	73.07	66.00	53.51	48.27	31.71	95.07	182.35	50.49	48.56	43.66
595.	159.35	143.17	121.71	93.40	75.98	72.00	49.56	46.95	31.56	96.67	180.92	47.85	47.44	43.34
600.	156.22	138.65	121.83	83.93	74.00	71.61	51.24	49.39	32.35	95.59	179.75	52.61	51.19	43.46
605.	151.85	140.32	123.56	87.81	77.44	73.95	53.68	47.39	31.41	91.19	178.52	42.95	41.07	43.00
610.	150.15	141.15	126.19	84.98	77.80	75.15	52.63	48.88	31.51	89.83	177.22	46.83	46.00	42.44
615.	145.02	133.88	112.10	85.86	70.98	69.93	53.37	49.78	32.35	91.95	175.92	52.95	50.95	42.41
620.	143.45	133.57	109.93	83.93	73.71	58.39	49.17	49.73	31.38	90.43	174.57	46.90	45.56	42.76
625.	142.52	133.27	105.49	84.38	75.95	59.74	47.46	46.27	31.41	91.40	173.37	43.27	42.05	42.17
630.	138.05	120.61	104.90	81.93	73.95	62.81	47.71	45.76	31.73	89.50	172.20	46.05	44.41	41.37
635.	134.80	120.98	102.68	79.98	64.05	66.81	49.63	46.98	32.32	90.83	170.95	49.05	48.68	41.73
640.	127.71	113.49	104.24	77.46	63.07	58.57	47.10	46.73	32.37	87.38	169.80	46.49	46.24	41.98
645.	120.63	113.49	94.12	77.12	64.71	57.39	45.63	42.73	31.35	84.50	168.60	45.15	44.63	41.37
650.	118.39	109.49	93.00	73.41	64.59	61.83	47.22	43.88	32.35	83.52	167.42	48.00	46.51	40.95
655.	119.44	109.51	88.33	77.10	62.43	58.64	45.00	47.22	32.29	83.07	166.40	47.78	47.12	41.24
660.	117.83	108.93	88.19	74.93	60.29	55.63	44.73	45.51	32.32	80.98	165.17	45.68	44.80	41.44
665.	116.51	109.85	89.50	73.56	60.48	58.29	47.88	45.15	32.37	81.50	164.10	40.71	42.58	40.88
670.	108.90	102.90	89.57	74.58	66.43	60.02	47.15	45.73	32.12	82.02	163.10	42.63	40.83	40.41
675.	108.80	101.93	85.33	73.51	63.57	59.71	44.98	43.88	32.37	81.00	162.12	43.10	43.39	40.46
680.	107.85	101.83	84.64	73.10	66.93	55.78	45.71	44.63	32.41	81.81	161.07	43.88	42.66	40.24
685.	105.10	100.41	85.07	76.63	63.19	55.83	45.22	43.44	32.58	79.45	160.22	44.27	44.02	40.24
690.	103.29	97.17	82.71	71.27	66.74	57.00	45.00	43.00	32.58	78.34	159.35	45.34	42.66	40.29
695.	100.41	97.36	82.95	65.31	63.38	55.32	43.39	44.54	32.49	74.71	158.35	39.78	39.60	40.22
700.	100.39	93.88	81.64	71.56	63.09	52.07	42.63	43.15	32.58	75.39	157.62	42.73	41.05	40.00
705.	97.36	94.38	81.69	70.90	62.69	56.61	44.10	43.05	32.54	76.51	156.72	38.29	40.00	39.29
710.	93.55	93.69	78.21	65.93	58.98	53.61	44.32	44.76	32.30	76.66	156.10	44.58	43.17	39.05
715.	94.31	91.64	78.07	65.38	63.02	51.32	44.19	44.34	32.30	73.80	155.40	43.90	42.00	39.54
720.	93.50	91.45	77.88	65.71	59.55	51.61	42.80	42.66	32.35	73.39	154.60	43.00	40.54	39.58

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TIME      28       29       30       31       32       33       34       35       36       37       38       39       40       41
  0.    22.50    22.55    19.31  6290.81   -0.00    -0.02    -0.01     0.28     0.00     0.00     0.00     0.00    21.00    -0.04
  0.    22.60    22.50    29.53  6232.99    0.00    -0.02    -0.01    -0.08     0.00     0.00     0.00     0.00    20.99     0.15
  0.    22.55    22.52    40.01  6290.81   -0.00    -0.02    -0.01    -0.02     0.00     0.00     0.00     0.00    21.00    -1.92
  0.    22.60    22.63    50.23  6290.81   -0.00    -0.02    -0.01    -0.03     0.00     0.00     0.00     0.00    20.90     1.65
  0.    22.65    22.63    59.50  6319.73   -0.00    -0.02    -0.01    -0.12     0.00     0.00     0.00     0.00    21.00     0.38
  0.    22.57    22.67    69.72  6319.73   -0.00    -0.02    -0.01    -0.06     0.00     0.00     0.00     0.00    20.91    -0.22
  5.    23.10    23.17    10.05  6377.55    0.00    -0.01    -0.01     0.23     0.00     0.00     0.00     0.00    20.94     0.33
 10.    23.72    23.52    19.31  6261.90    0.00    -0.00     0.00     0.42     0.00     0.00     0.00     0.00    20.92     0.08
 15.    24.45    24.13    29.54  6290.81    0.01     0.01     0.01    -0.17     0.00     0.00     0.00     0.00    20.91     3.59
 20.    25.25    24.85    40.00  6319.73    0.04     0.03     0.05    -0.11     0.00     0.00     0.00     0.00    20.81     2.55
 25.    26.67    26.27    50.22  6377.55    0.09     0.09     0.10    -0.20     0.00     0.00     0.00     0.00    20.65     4.52
 30.    30.66    29.40    59.49  6290.81    0.19     0.16     0.21    -0.34     0.00     0.00     0.00     0.00    20.42     4.41
 35.    34.49    33.61    69.72  6290.81    0.28     0.23     0.35    -0.42     0.00     0.00     0.00     0.00    20.17     7.64
 40.    37.41    40.22    10.05  6290.81    0.38     0.31     0.50     2.60     0.00     0.00     0.00     0.00    19.90     7.03
 45.    42.88    43.78    19.32  6175.18    0.44     0.41     0.75     2.22     0.00     0.00     0.00     0.00    19.17     5.35
 50.    41.85    45.49    29.54  6117.35    0.50     0.47     0.99     0.49     0.00     0.00     0.00     0.00    10.57     3.27
 55.    51.39    47.83    40.01  6030.63    0.61     0.53     1.33    -0.56     0.00     0.00     0.00     0.00    17.59     9.55
 60.    52.88    54.39    50.23  5857.17    0.71     0.58     1.56    -0.63     0.00     0.00     0.00     0.00    16.62    11.97
 65.    59.64    57.88    59.50  5857.17    0.77     0.60     1.69    -0.75     0.00     0.00     0.00     0.00    15.46    12.94
 70.    72.46    64.55    69.73  5770.43    0.80     0.59     1.81    -0.70     0.00     0.00     0.00     0.00    14.36     6.85
 75.    76.51    73.41    10.05  5686.60    0.87     0.60     2.09     3.81     0.00     0.00     0.00     0.00    13.70    13.54
 80.    86.07    81.07    19.32  5637.45    0.89     0.59     2.06     3.20     0.00     0.00     0.00     0.00    13.11    13.93
 85.    84.43    86.55    29.55  5495.79    1.02     0.61     2.30     0.90     0.00     0.00     0.00     0.00    12.71     3.95
 90.   107.41    93.09    40.02  5400.39    1.01     0.57     2.20    -0.67     0.00     0.00     0.00     0.00    12.62    10.40
 95.    92.98    93.98    50.25  5250.05    0.99     0.58     2.52    -0.80     0.00     0.00     0.00     0.00    12.58     6.39
100.   102.56   102.78    59.51  5192.23    1.06     0.55     2.14    -0.91     0.00     0.00     0.00     0.00    12.54     8.51
105.   117.29   122.22    69.73  5085.27    1.06     0.55     2.31    -0.97     0.00     0.00     0.00     0.00    12.79     9.84
110.   134.50   122.07    10.05  4972.52    1.15     0.54     2.38     4.17     0.00     0.00     0.00     0.00    12.74     7.64
115.   155.22   140.07    19.32  4929.15    1.05     0.53     2.37     3.09     0.00     0.00     0.00     0.00    12.76    14.62
120.   133.52   134.82    29.54  4848.20    1.06     0.52     2.06     1.02     0.00     0.00     0.00     0.00    12.95    10.68
125.   127.00   129.93    40.02  4735.46    1.03     0.51     2.15    -0.57     0.00     0.00     0.00     0.00    13.18    11.16
130.   145.63   139.40    50.25  4657.40    1.00     0.50     2.13    -0.83     0.00     0.00     0.00     0.00    13.40    12.32
135.   164.50   150.72    59.51  4562.00    1.02     0.48     1.96    -0.97     0.00     0.00     0.00     0.00    13.66     7.80
140.   139.90   142.17    69.73  4527.30    1.00     0.47     2.02    -0.96     0.00     0.00     0.00     0.00    13.62    14.26
145.   170.30   164.40    10.05  4460.81    0.98     0.47     2.03     4.12     0.00     0.00     0.00     0.00    13.79    11.66
150.   184.60   176.50    19.33  4376.97    1.07     0.47     2.07     3.34     0.00     0.00     0.00     0.00    14.14    12.18
155.   140.25   149.12    29.55  4264.23    1.06     0.48     2.09     1.53     0.00     0.00     0.00     0.00    14.07    15.44
160.   157.80   149.63    40.03  4206.40    1.02     0.47     2.17    -0.68     0.00     0.00     0.00     0.00    14.08    12.67
165.   154.67   151.85    50.24  4113.89    1.04     0.46     2.09    -0.91     0.00     0.00     0.00     0.00    13.97     1.90
170.   148.47   144.40    59.50  4038.73    1.05     0.44     1.93    -0.96     0.00     0.00     0.00     0.00    13.91    10.13
175.   149.80   146.60    69.74  3992.47    1.01     0.45     2.10    -0.95     0.00     0.00     0.00     0.00    13.92    11.03
180.   164.07   146.30    10.05  3856.60    0.97     0.44     1.83     4.15     0.00     0.00     0.00     0.00    14.10    11.72
185.   138.55   138.07    19.33  3784.32    1.00     0.43     1.92     3.17     0.00     0.00     0.00     0.00    14.13     5.62
190.   140.35   134.67    29.56  3761.19    0.99     0.41     1.79     1.22     0.00     0.00     0.00     0.00    14.56     7.80
195.   127.51   123.10    40.02  3662.90    0.95     0.40     1.77    -0.62     0.00     0.00     0.00     0.00    14.42     6.54
200.   140.50   139.95    50.25  3622.42    0.98     0.39     1.65    -0.91     0.00     0.00     0.00     0.00    14.62     7.78
205.   152.20   150.07    59.51  3561.71    0.94     0.38     1.61    -0.97     0.00     0.00     0.00     0.00    14.91    10.43
210.   129.10   133.72    69.74  3448.96    0.93     0.37     1.55    -0.94     0.00     0.00     0.00     0.00    15.17    14.33
215.   169.20   150.97    10.06  3391.14    0.96     0.37     1.46     4.06     0.00     0.00     0.00     0.00    15.31     6.59
220.   166.25   165.62    19.33  3301.52    0.97     0.37     1.51     3.39     0.00     0.00     0.00     0.00    15.19    10.42
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TIME      28       29        30       31        32       33       34       35       36       37       38       39       40       41
 225.   170.52   172.65    29.55  3301.52     0.99     0.37     1.58     1.28     0.00     0.00     0.00     0.00    15.10    10.68
 230.   183.15   183.52    40.03  3211.90     0.98     0.36     1.43    -0.64     0.00     0.00     0.00     0.00    15.32     7.07
 235.   170.38  -177.90    50.25  3162.75     1.07     0.36     1.44    -0.81     0.00     0.00     0.00     0.00    15.53     8.08
 240.   198.55   185.52    59.52  3047.11     1.07     0.37     1.56    -1.00     0.00     0.00     0.00     0.00    15.52     8.82
 245.   190.25   196.47    69.74  3015.31     1.12     0.38     1.56    -1.05     0.00     0.00     0.00     0.00    15.53    13.73
 250.   186.10   200.00    10.06  2925.69     1.08     0.38     1.64     4.20     0.00     0.00     0.00     0.00    15.68     9.71
 255.   173.05   181.60    19.33  2850.53     1.03     0.37     1.52     3.67     0.00     0.00     0.00     0.00    15.64    11.22
 260.   177.12   171.88    29.55  2752.23     1.00     0.36     1.49     1.23     0.00     0.00     0.00     0.00    15.34    11.56
 265.   166.52   165.35    40.03  2714.65     0.99     0.35     1.48    -0.57     0.00     0.00     0.00     0.00    15.51     5.85
 270.   183.50   183.25    50.26  2630.81     1.01     0.35     1.46    -0.91     0.00     0.00     0.00     0.00    15.58    12.09
 275.   192.35   189.22    59.52  2564.32     0.99     0.35     1.42    -0.98     0.00     0.00     0.00     0.00    15.64     9.36
 280.   177.40   178.80    69.74  2532.52     0.97     0.34     1.37    -1.02     0.00     0.00     0.00     0.00    15.74     9.88
 285.   186.27   177.67    10.06  2468.91     0.94     0.33     1.33     3.82     0.00     0.00     0.00     0.00    15.95     9.05
 290.   176.97   176.40    19.33  2387.97     0.95     0.32     1.29     3.33     0.00     0.00     0.00     0.00    16.13     9.12
 295.   176.55   193.17    29.55  2312.80     0.93     0.32     1.28     1.25     0.00     0.00     0.00     0.00    16.18     8.60
 300.   159.02   177.45    40.03  2281.00     0.91     0.32     1.25    -0.61     0.00     0.00     0.00     0.00    16.24    13.18
 305.   163.10   161.85    50.25  2208.72     0.89     0.31     1.25    -0.80     0.00     0.00     0.00     0.00    16.32    12.10
 310.   194.20   173.82    59.51  2150.90     0.90     0.31     1.29    -0.93     0.00     0.00     0.00     0.00    16.31    11.60
 315.   166.92   156.22    69,74  2145.12     0.83     0.30     1.12    -0.92     0.00     0.00     0.00     0.00    16.46     8.57
 320.   159.47   162.20    10.06  2093.08     0.84     0.29     1.08     3.73     0.00     0.00     0.00     0.00    16.79    10.18
 325.   163.85   160.62    19.33  2020.81     0.83     0.29     1.11     3.05     0.00     0.00     0.00     0.00    16.82     7.07
 330.   148.72   154.60    29.56  1939.86     0.81     0.28     1.00     1.45     0.00     0.00     0.00     0.00    16.96     8.53
 335.   162.62   153.25    40.03  1931.19     0.78     0.27     1.01    -0.50     0.00     0.00     0.00     0.00    17.00     6.52
 340.   146.72   151.97    50.25  1847.35     0.78     0.27     1.03    -0.81     0.00     0.00     0.00     0.00    17.10     8.05
 345.   141.88   143.30    59.51  1809.77     0.80     0.27     1.05    -0.96     0.00     0.00     0.00     0.00    17.19     6.80
 350.   142.70   140.10    69.74  1815.55     0.75     0.26     1.02    -0.95     0.00     0.00     0.00     0.00    17.34     8.38
 355.   156.85   139.65    10.06  1720.15     0.71     0.26     0.94     3.60     0.00     0.00     0.00     0.00    17.35     6.08
 360.   141.82   134.30    19.32  1720.15     0.70     0.25     0.93     2.66     0.00     0.00     0.00     0.00    17.44     6.27
 365.   135.38   128.83    29.55  1653.65     0.68     0.24     0.86     1.26     0.00     0.00     0.00     0.00    17.46     7.94
 370.   121.34   120.29    40.03  1650.76     0.67     0.24     0.86    -0.60     0.00     0.00     0.00     0.00    17.69     9.78
 375.   133.77   129.17    50.25  1564.03     0.66     0.23     0.83    -0.88     0.00     0.00     0.00     0.00    17.78    11.35
 380.   134.75   126.58    59.52  1529.34     0.62     0.23     0.82    -0.99     0.00     0.00     0.00     0.00    17.94     6.62
 385.   137.05   129.17    69.75  1497.54     0.61     0.22     0.85    -1.01     0.00     0.00     0.00     0.00    17.94     8.20
 390.   136.67   125.93    10.06  1480.19     0.61     0.22     0.81     3.37     0.00     0.00     0.00     0.00    18.02     8.35
 395.   121.12   115.78    19.33  1405.03     0.59     0.22     0.78     2.68     0.00     0.00     0.00     0.00    18.11    10.50
 400.   127.46   120.07    29.55  1431.04     0.59     0.22     0.73     1.02     0.00     0.00     0.00     0.00    18.17     7.68
 405.   121.12   118.15    40.03  1312.51     0.58     0.21     0.72    -0.51     0.00     0.00     0.00     0.00    17.92     8.01
 410.   114.39   115.12    50.25  1329.86     0.56     0.20     0.73    -0.95     0.00     0.00     0.00     0.00    17.90     6.75
 415.   121.44   111.44    59.51  1312.51     0.58     0.20     0.68    -0.89     0.00     0.00     0.00     0.00    17.93     8.93
 420.   112.90   114.00    69.73  1274.93     0.55     0.20     0.68    -0.84     0.00     0.00     0.00     0.00    17.98     7.46
 425.   121.32   118.78    10.06  1251.80     0.53     0.20     0.64     3.26     0.00     0.00     0.00     0.00    18.05     7.96
 430.   149.82   134.52    19.34  1222.89     0.52     0.19     0.64     2.67     0.00     0.00     0.00     0.00    18.15     8.06
 435.   105.02   110.68    29.55  1222.89     0.51     0.19     0.62     0.56     0.00     0.00     0.00     0.00    18.22     5.33
 440.   104.17   105.37    40.03  1193.98     0.50     0.19     0.62    -0.58     0.00     0.00     0.00     0.00    18.28     8.26
 445.   100.51    94.33    50.25  1115.93     0.47     0.18     0.59    -0.75     0.00     0.00     0.00     0.00    18.36     5.53
 450.   100.27   100.73    59.52  1150.62     0.46     0.18     0.58    -0.80     0.00     0.00     0.00     0.00    18.41     9.03
 455.    95.81   101.10    69.74  1092.80     0.45     0.18     0.58    -0.77     0.00     0.00     0.00     0.00    18.46     7.09
 460.    95.21    97.33    10.07  1092.80     0.45     0.17     0.56     3.07     0.00     0.00     0.00     0.00    18.58     5.88
 465.   100.73    94.52    19.33  1029.20     0.44     0.17     0.55     2.46     0.00     0.00     0.00     0.00    18.58     5.21
 470.    89.67    88.01    29.55  1075.45     0.43     0.17     0.56     0.80     0.00     0.00     0.00     0.00    18.56     7.53
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TIME      28       29       30       31        32       33       34       35       35       37       38       39       40       41
 475.  100.80   100.73    40.03  1032.09     0.43     0.17     3.51    -0.52     0.30     0.00     0.00     0.00    18.54     9.00
 480.   85.02    88.29    50.25  1006.07     0.40     0.16     3.50    -0.67     0.30     0.00     0.00     0.00    18.68     3.49
 485.   81.14    86.02    59.51  1029.20     0.39     0.16     3.51    -0.80     0.30     0.00     0.00     0.00    18.75     4.92
 490.   94.26    87.36    69.75  1040.76     0.38     0.16     3.49    -0.84     0.30     0.00     0.00     0.00    18.69     8.63
 495.   76.10    81.07    10.07  1000.28     0.37     0.15     3.47     2.90     0.30     0.00     0.00     0.00    18.90     7.90
 500.   79.88    82.71    19.34   962.70     0.36     0.15     3.45     2.36     0.30     0.00     0.00     0.00    18.98     7.99
 505.   78.29    79.59    29.56  1008.96     0.34     0.15     3.44     0.26     0.30     0.00     0.00     0.00    18.88     6.48
 510.   86.62    82.74    40.04   945.36     0.34     0.15     3.43    -0.50     0.30     0.00     0.00     0.00    19.04     5.03
 515.   75.32    76.98    50.25   910.67     0.32     0.15     3.44    -0.66     0.30     0.00     0.00     0.00    19.10     5.95
 520.   78.76    78.17    59.52   907.77     0.32     0.14     3.41    -0.76     0.30     0.00     0.00     0.00    19.15     5.79
 525.   75.39    77.56    69.75   913.56     0.32     0.14     3.40    -0.78     0.30     0.00     0.00     0.00    19.22     3.96
 530.   74.15    75.49    10.07   881.76     0.31     0.14     3.40     2.67     0.30     0.00     0.00     0.00    19.26     4.90
 535.   73.61    74.83    19.34   873.08     0.30     0.13     3.38     2.12     0.30     0.00     0.00     0.00    19.29     7.20
 540.   67.43    74.49    29.56   832.61     0.30     0.13     3.39     0.46     0.30     0.00     0.00     0.00    19.30     9.00
 545.   78.07    77.63    40.03   826.83     0.29     0.13     3.37    -0.48     0.30     0.00     0.00     0.00    19.36     4.30
 550.   77.71    79.15    50.25   806.59     0.28     0.12     3.39    -0.63     0.30     0.00     0.00     0.00    19.39     6.40
 555.   71.19    74.71    59.52   858.63     0.28     0.12     3.36    -0.79     0.30     0.00     0.00     0.00    19.35     6.25
 560.   65.29    66.05    69.74   832.61     0.28     0.12     3.35    -0.75     0.30     0.00     0.00     0.00    19.46     5.10
 565.   71.71    65.67    10.07   838.39     0.26     0.12     3.38     2.50     0.30     0.00     0.00     0.00    19.42     5.76
 570.   66.90    67.55    19.34   809.48     0.26     0.11     3.33     1.95     0.30     0.00     0.00     0.00    19.56     5.91
 575.   70.71    69.88    29.56   806.59     0.25     0.11     3.33     0.57     0.30     0.00     0.00     0.00    19.58     3.89
 580.   61.07    65.90    40.04   809.48     0.24     0.11     3.34    -0.42     0.30     0.00     0.00     0.00    19.53     5.04
 585.   71.76    71.41    50.26   812.37     0.23     0.11     3.36    -0.59     0.30     0.00     0.00     0.00    19.55     5.09
 590.   65.00    69.83    59.52   800.81     0.23     0.11     3.46    -0.71     0.30     0.00     0.00     0.00    19.72     2.66
 595.   65.69    66.24    69.75   797.92     0.22     0.10     3.48    -0.66     0.30     0.00     0.00     0.00    19.74     5.34
 600.   58.09    60.86    10.07   777.68     0.21     0.10     3.50     2.32     0.20     0.00     0.00     0.00    19.78     4.51
 605.   63.64    63.50    19.33   763.22     0.21     0.10     3.56     1.63     0.30     0.00     0.00     0.00    19.80     7.41
 610.   61.50    64.02    29.55   757.44     0.20     0.11     3.59     0.62     0.30     0.00     0.00     0.00    19.76     3.97
 615.   59.59    61.19    40.02   783.46     0.19     0.10     3.59    -0.36     0.30     0.00     0.00     0.00    19.88     3.12
 620.   72.66    63.12    50.25   821.04     0.18     0.10     3.58    -0.48     0.30     0.00     0.00     0.00    19.93     3.73
 625.   59.40    67.59    59.51   748.77     0.17     0.10     3.56    -0.67     0.30     0.00     0.00     0.00    19.92     3.60
 630.   58.74    60.88    69.74   769.00     0.16     0.10     3.55    -0.63     0.30     0.00     0.00     0.00    20.08     2.03
 635.   57.54    59.17    10.07   809.48     0.17     0.10     3.57     2.05     0.30     0.00     0.00     0.00    20.10     1.84
 640.   58.74    59.05    19.33   774.79     0.16     0.10     3.54     1.45     0.30     0.00     0.00     0.00    20.14     2.43
 645.   61.90    59.62    29.56   751.66     0.15     0.10     3.53     0.59     0.30     0.00     0.00     0.00    20.19     3.93
 650.   57.71    58.45    40.03   769.00     0.15     0.10     3.53    -0.29     0.30     0.00     0.00     0.00    20.22     2.36
 655.   58.29    57.90    50.26   731.42     0.15     0.10     3.53    -0.50     0.30     0.00     0.00     0.00    20.25     4.40
 660.   54.63    56.00    59.52   763.22     0.14     0.10     3.51    -0.63     0.30     0.00     0.00     0.00    20.28     1.57
 665.   57.05    56.02    69.75   699.62     0.13     0.10     3.50    -0.62     0.30     0.00     0.00     0.00    20.33     5.43
 670.   56.32    58.69    10.08   734.31     0.14     0.10     3.51     1.86     0.30     0.00     0.00     0.00    20.35     3.85
 675.   55.29    56.05    19.34   780.57     0.13     0.10     3.49     1.36     0.20     0.00     0.00     0.00    20.36     0.56
 680.   58.49    58.39    29.56   757.44     0.13     0.10     3.48     0.48     0.30     0.00     0.00     0.00    20.41     0.66
 685.   56.17    57.39    40.04   754.55     0.12     0.10     3.48    -0.35     0.30     0.00     0.00     0.00    20.45     4.47
 690.   55.46    55.29    50.26   806.59     0.13     0.10     3.47    -0.42     0.30     0.00     0.00     0.00    20.49     4.39
 695.   52.46    53.24    59.52   766.12     0.13     0.10     3.47    -0.60     0.30     0.00     0.00     0.00    20.42     0.93
 700.   54.34    54.10    69.75   719.86     0.13     0.10     3.46    -0.56     0.30     0.00     0.00     0.00    20.55     1.54
 705.   54.88    54.51    10.08   751.66     0.12     0.10     3.46     1.67     0.30     0.00     0.00     0.00    20.60     1.01
 710.   49.24    52.90    19.34   716.97     0.12     0.10     3.46     1.27     0.30     0.00     0.00     0.00    20.63     4.70
 715.   55.51    53.85    29.56   777.68     0.11     0.10     3.47     0.36     0.30     0.00     0.00     0.00    20.66     2.08
 720.   52.00    53.34    40.04   711.19     0.11     0.09     3.47    -0.36     0.30     0.00     0.00     0.00    20.69     3.11
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TIME      42      43      44      45      46      47      48
   0.  -0.80   -0.25   -0.06   -0.01    0.50    0.00    0.00
   0.   2.23   -0.03    0.36   -0.07   -0.53    0.00    0.00
   0.   1.21   -1.85    1.65   -1.09    0.71    0.00    0.00
   0.  -4.36    2.94   -1.92    0.25    1.31    0.00    0.00
   0.   2.53   -0.42    0.44   -0.30   -0.58    0.00    0.00
   0.  -0.81   -0.38   -0.47    1.21   -1.41    0.00    0.00
   5.  -2.04    1.80   -1.01   -0.71    0.57    0.00    5.00
  10.  -0.80    1.91   -1.88   -2.91   -1.69    0.00   10.00
  15.  -4.82    2.43   -0.06   -1.17    1.30    0.00   15.00
  20.  -1.87    0.37    0.84   -1.00    0.69    0.01   20.00
  25.  -1.85   -0.06    0.77    0.99   -1.31    0.03   25.00
  30.   2.46    2.42   -0.53    1.07   -0.53    0.08   30.00
  35.   2.66    1.65    1.53   -2.50    0.73    0.26   35.00
  40.   4.14    1.12   -1.74   -0.28   -2.27    0.50   40.00
  45.   2.51    5.60   -1.75   -2.11    3.47    1.11   45.00
  50.   3.50    2.77   -0.22   -1.44   -0.71    1.98   50.00
  55.   0.85    3.30    2.20   -0.94   -2.11    2.85   55.00
  60.   2.71    5.73   -2.59   -0.33   -1.06    3.82   60.00
  65.   2.81    0.37   -2.37    0.23    1.08    4.91   65.00
  70.   4.75    3.28   -2.62    2.60   -1.79    5.66   70.00
  75.   4.55    2.66    4.42   -2.62   -1.14    6.20   75.00
  80.   4.27    2.98   -3.83   -0.33   -0.11    6.64   80.00
  85.   7.23    2.62   -1.58    0.32   -0.57    6.80   85.00
  90.   7.68    4.30    4.53   -1.71   -0.77    7.13   90.00
  95.   5.35    2.57    1.03    1.85    1.73    6.44   95.00
 100.   9.29    0.17    1.35    0.60    1.11    6.82  100.00
 105.   6.41    3.78   -1.31   -0.92   -3.60    6.60  105.00
 110.   7.40    5.08    1.52    0.76   -0.53    6.76  110.00
 115.   5.31    2.86    0.36   -3.66   -0.09    6.42  115.00
 120.   6.53   -1.11   -1.32    1.71   -0.66    6.12  120.00
 125.   6.16    4.00   -0.05   -1.35   -2.59    6.14  125.00
 130.   4.58    3.69   -3.54    1.44   -1.89    5.94  130.00
 135.   7.70    1.06    0.04   -4.42    3.30    5.80  135.00
 140.   4.22    3.36    2.33   -3.04   -1.70    5.86  140.00
 145.   1.92    7.86   -3.62    2.56   -0.76    5.71  145.00
 150.   6.90    1.26    2.08   -0.02   -3.15    5.38  150.00
 155.  -0.07    5.51   -1.06    0.88   -2.38    5.43  155.00
 160.   8.43    2.24   -2.53   -1.89   -1.67    5.32  160.00
 165.  11.64   -0.28   -1.22   -2.64    1.66    5.26  165.00
 170.   1.43    6.87   -2.51   -3.11   -0.02    5.68  170.00
 175.   6.35    5.66   -0.60   -1.99    0.95    5.42  175.00
 180.   3.59    3.42    0.42   -0.56    0.78    5.36  180.00
 185.   6.60   -0.83   -0.29    0.25   -0.86    4.85  185.00
 190.   3.24    5.22    0.78   -2.52    0.69    5.00  190.00
 195.   2.64    4.81    0.60   -1.50    1.46    5.08  195.00
 200.   2.73    0.80    1.59   -2.80    1.82    4.74  200.00
 205.   2.60    5.45   -1.10   -0.19   -2.18    4.64  205.00
 210.   6.60    1.53   -3.49   -0.34   -2.22    4.31  210.00
 215.   4.23    3.72    0.74   -2.52    1.75    4.13  215.00
 220.   3.49    2.95    1.18   -2.45    0.53    4.41  220.00
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TIME        42         43         44         45         46          47         49
 225.      6.87       1.54      -0.87       0.56      -2.44        4.07     225.00
 230.      5.51       4.76       1.52      -0.20      -0.92        4.17     230.00
 235.      3.86       5.43      -0.68      -4.81       1.27        3.83     235.00
 240.      7.30       5.50      -2.03      -1.60       2.10        3.98     240.00
 245.      6.82       4.94      -3.30       1.13      -0.13        3.85     245.00
 250.      5.96       8.23      -3.34      -1.20      -2.77        3.87     250.00
 255.      2.48       2.17       0.95      -2.84       1.20        3.79     255.00
 260.      5.92       2.75      -1.92      -2.33      -1.24        4.02     260.00
 265.      6.43       7.02      -3.80      -1.80      -0.80        3.91     265.00
 270.      4.70       2.09      -0.95       0.05      -0.70        3.89     270.00
 275.      6.71       0.69       1.16      -4.00       0.60        3.69     275.00
 280.      4.77       1.85       1.20      -1.89      -0.32        3.62     280.00
 285.      4.63       3.85       1.07      -1.23      -0.00        3.58     285.00
 290.      5.70       1.74      -1.55      -2.00      -0.31        3.44     290.00
 295.      4.89       3.39       1.19      -1.86      -0.54        3.47     295.00
 300.      2.77       3.15       0.97      -1.36       1.46        3.19     300.00
 305.      2.09       3.44       0.68      -2.27       0.81        3.34     305.00
 310.      5.09       1.37      -0.70      -1.12      -1.21        3.07     310.00
 315.      6.13       2.51      -0.63      -1.68      -0.42        3.05     315.00
 320.      0.68       6.11       0.37      -2.42      -0.42        2.82     320.00
 325.      5.59       3.13      -0.43      -1.64      -1.41        2.88     325.00
 330.      4.22       2.32      -0.98       1.61       0.04        2.71     330.00
 335.      5.25       2.19      -2.01      -2.81      -4.05        2.69     335.00
 340.      1.22       4.80      -0.01      -0.91       0.81        2.51     340.00
 345.      6.50       1.95      -0.68      -2.35      -2.43        2.44     345.00
 350.      4.53       2.36      -0.74       0.66      -1.64        2.33     350.00
 355.      2.44       3.10      -1.01      -2.55      -0.82        2.42     355.00
 360.      7.15       0.88       3.70      -2.95      -1.58        2.19     360.00
 365.      5.07       2.77      -0.57      -0.93      -0.79        2.16     365.00
 370.      2.05       4.74      -1.92      -2.48      -4.06        1.91     370.00
 375.      0.93       4.44      -2.78       0.95      -0.09        1.92     375.00
 380.      5.04       4.24      -0.89       0.36      -1.57        1.83     380.00
 385.      3.47       4.72      -2.92      -2.61      -2.25        1.87     385.00
 390.      2.89       2.79       0.18      -2.60       1.69        1.67     390.00
 395.      2.96       3.00      -3.00      -0.33      -2.18        1.63     395.00
 400.      1.77       3.40      -0.88      -0.84      -0.60        1.69     400.00
 405.      6.04       1.39       0.48      -0.07      -1.72        2.01     405.00
 410.      6.47      -0.75       2.70      -1.76      -3.03        1.83     410.00
 415.      0.79       4.54      -0.78      -1.93      -0.38        1.81     415.00
 420.      2.67       2.46      -0.16      -0.72      -0.38        1.79     420.00
 425.      1.83       3.75      -0.06      -1.64      -1.58        1.74     425.00
 430.      3.27       2.58      -2.64       1.65      -3.15        1.66     430.00
 435.      4.47       0.96      -0.35      -1.00      -1.41        1.60     435.00
 440.      2.24       2.89      -1.59       0.04      -1.05        1.55     440.00
 445.      5.78      -0.39       1.35      -1.55       0.78        1.42     445.00
 450.      2.58       2.47      -0.29       0.19      -2.21        1.41     450.00
 455.      1.26       4.12      -1.14      -1.48       1.62        1.34     455.00
 460.      2.65       0.37       1.62      -1.95      -1.50        1.29     460.00
 465.      4.29      -0.39       2.12      -2.67      -0.22        1.31     465.00
 470.      2.42       3.55      -2.44      -0.32      -1.96        1.22     470.00
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TIME        42        43        44        45        46        47        48
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 485.     3.06      1.38     -0.79      0.44     -1.25      1.15    485.00
 490.     2.80     -0.41      1.89     -2.10      1.07      1.08    490.00
 495.     1.52      2.99     -1.17     -0.14     -1.50      1.00    495.00
 500.     0.37      3.49     -1.96      0.69     -0.73      0.97    500.00
 505.     1.98      2.63     -0.88     -0.54     -0.47      0.94    505.00
 510.     3.98      1.23     -1.20      0.23     -1.66      0.92    510.00
 515.     0.05      4.54     -3.13      2.28     -2.01      0.83    515.00
 520.     2.22      1.81     -0.36     -0.84      0.30      0.81    520.00
 525.     3.04      0.42      0.74     -1.29      0.44      0.76    525.00
 530.     4.68     -0.44      1.57     -1.38     -1.11      0.75    530.00
 535.     0.72      2.87     -2.15      0.55     -1.61      0.70    535.00
 540.     0.61      1.17      0.58     -0.92      0.85      0.70    540.00
 545.     2.71      1.95     -1.41      0.51     -2.43      0.67    545.00
 550.     2.39      2.23     -0.52     -1.28      0.17      0.63    550.00
 555.     0.89      3.28     -2.19      1.78     -3.76      0.61    555.00
 560.     1.06      3.85     -2.76      1.34     -2.59      0.57    560.00
 565.     1.82      2.50     -1.72      0.68     -2.22      0.56    565.00
 570.     2.75      3.95     -2.21      0.96     -1.61      0.53    570.00
 575.     2.99     -0.41      1.41     -3.00      0.17      0.51    575.00
 580.     1.68      1.69     -0.01     -1.44      0.82      0.47    580.00
 585.     2.47      0.25      0.09      0.43     -1.15      0.44    585.00
 590.     3.43      0.56     -1.24      0.86     -1.38      0.41    590.00
 595.     0.44      0.89      0.12      0.09     -1.37      0.38    595.00
 600.     1.84      0.78      0.53     -1.03      0.26      0.37    600.00
 605.    -0.79      2.88     -0.35     -0.20      0.66      0.35    605.00
 610.     2.10      1.79     -1.19     -2.40     -0.96      0.33    610.00
 615.     1.28      2.48     -1.85      1.27     -1.18      0.32    615.00
 620.    -0.03      2.45     -1.10     -0.12     -0.76      0.26    620.00
 625.     1.57      0.21      0.41     -1.43      0.42      0.22    625.00
 630.     2.46     -0.33      0.68     -1.44     -0.05      0.18    630.00
 635.     2.45     -0.46      0.44     -2.12     -0.66      0.19    635.00
 640.     3.56     -0.15      0.60     -0.58     -0.37      0.16    640.00
 645.     2.69      2.39     -0.65     -0.42     -1.35      0.13    645.00
 650.     2.00     -1.05      1.32     -0.65     -0.63      0.15    650.00
 655.    -1.17      2.56     -1.67      0.36     -0.47      0.10    655.00
 660.     2.10      0.02     -0.25      0.27     -0.45      0.10    660.00
 665.     2.49      2.94     -0.86     -0.42     -0.80      0.08    665.00
 670.    -0.89      2.28     -1.06      0.21     -0.58      0.08    670.00
 675.     0.52      1.97     -2.35     -0.32     -2.14      0.07    675.00
 680.     2.05     -1.05      1.83     -3.02      2.85      0.06    680.00
 685.     2.44      3.12     -2.27      2.37     -2.89      0.05    685.00
 690.    -1.63      2.77     -1.85      0.54     -0.40      0.03    690.00
 695.     1.62     -0.26      0.36     -1.37     -1.18      0.02    695.00
 700.     1.14      0.68     -0.51     -1.93     -1.80      0.02    700.00
 705.     2.05     -0.49      1.69     -2.00      0.28      0.01    705.00
 710.    -1.01      2.75     -2.04      1.94     -1.34      0.01    710.00
 715.     0.14      1.54     -0.07     -0.54     -0.41      0.00    715.00
 720.     2.32      2.42     -0.63     -0.11     -0.57      0.00    720.00
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PRC18-P-3-1/2                                                        PAGE     1
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 15.   63.26  220.25   38.73   23.92   22.50   22.65   22.63   45.22   59.09   54.51   56.24   56.37   57.49   54.44
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PRC18-P-3-1/2                                                                        PAGE      2
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 415.   367.46    368.43    190.87     47.63     27.85     29.60     24.00    406.12    409.69    410.45    406.71    402.24    394.49    394.12
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 455.   344.71    324.69    168.13     44.10     27.10     28.55     24.22    363.81    363.16    364.12    361.90    359.21    353.12    352.43
 460.   340.27    326.17    137.22     43.29     26.45     27.47     24.45    358.17    358.76    358.55    356.21    353.50    347.52    348.24
 465.   328.07    316.52    164.65     42.19     31.29     27.10     23.77    364.21    354.55    354.71    352.12    340.67    343.45    343.19
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PRC18-P-3-1/2                                                                        PAGE      3
TIME       0        1        2        3        4        5        6        7        8        9       10       11       12       13
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 515.   295.73   254.56   150.85    39.88    24.95    25.40    23.25   326.33   312.43   310.95   314.15   309.83   293.68   293.39
 520.   291.90   249.37   156.70    40.76    25.05    25.88    23.27   323.02   315.03   314.49   309.39   303.93   291.14   289.54
 525.   288.73   251.05   127.19    38.90    25.85    25.67    23.35   320.05   314.07   309.93   303.00   297.41   290.80   279.00
 530.   281.68   241.76   130.40    39.39    26.02    26.07    23.55   317.29   310.54   307.61   294.29   295.17   282.58   272.68
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 550.   263.58   223.10    93.67    36.37    28.45    25.47    23.25   312.90   291.00   290.49   284.05   272.98   263.63   252.70
 555.   256.80   205.12    95.86    36.00    25.77    26.30    23.42   309.78   294.19   288.29   280.66   270.68   260.44   247.34
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 565.   251.02   200.54    95.88    35.61    25.60    25.50    24.15   304.56   290.02   284.51   273.29   260.51   252.63   236.34
 570.   248.98   193.32    94.07    34.98    24.35    25.52    23.52   301.88   286.09   279.66   269.29   254.93   250.44   233.00
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 580.   242.80   188.90    95.07    33.95    25.57    25.72    23.42   297.05   282.60   275.93   264.34   251.19   245.71   231.44
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 625.   214.92   164.75    88.95    32.37    24.40    24.88    23.63   277.37   262.49   254.76   239.63   226.37   219.45   199.44
 630.   220.20   158.05    94.69    32.29    24.22    25.60    23.35   275.24   260.66   252.15   237.03   229.30   221.40   202.57
 635.   204.54   154.77    90.14    32.54    25.65    25.38    23.20   273.41   259.00   250.32   236.63   223.35   216.47   197.62
 640.   214.20   150.80    94.43    31.88    23.97    25.05    23.32   271.56   257.80   248.71   233.29   222.62   216.10   193.05
 645.   199.78   148.90    88.81    31.90    24.05    24.82    23.15   269.76   255.00   248.12   220.99   210.32   205.76   194.15
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 665.   193.12   139.67    89.40    32.02    24.45    24.20    23.37   262.98   249.02   239.80   228.07   205.05   198.85   183.45
 670.   189.15   138.35    82.79    31.83    23.30    24.05    24.47   261.29   247.93   239.34   229.00   201.73   201.82   182.42
 675.   189.20   135.57    87.88    31.46    23.70    24.20    22.92   259.68   245.93   236.71   222.05   203.05   198.80   180.77
 680.   181.15   126.85    84.50    31.95    23.63    24.02    23.65   258.15   244.78   237.39   224.17   201.75   194.85   176.47
 685.   175.02   123.98    79.33    32.10    23.95    24.35    22.77   256.66   243.19   235.37   222.77   199.77   193.15   171.10
 690.   183.72   120.76    76.73    31.90    25.10    24.52    23.57   255.10   242.10   234.41   222.12   196.25   191.72   171.75
 695.   182.27   122.95    81.95    31.63    24.47    24.42    23.47   253.61   240.66   233.76   219.90   192.80   188.17   167.27
 700.   174.22   118.51    74.76    31.58    24.17    24.05    22.90   252.15   239.76   232.71   221.37   189.50   186.00   167.20
 705.   175.27   119.05    85.67    31.54    25.42    25.25    22.92   250.78   237.90   230.71   220.72   190.50   184.52   167.57
 710.   163.13   118.54    79.41    31.27    25.42    25.45    23.20   249.34   236.76   229.80   217.85   187.27   183.95   167.60
 715.   177.55   115.37    80.02    31.12    24.30    24.35    23.17   248.02   235.63   228.37   206.76   186.80   181.35   164.62
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PRC18-P-3-1/2                                                                          PAGE     4
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 730.   174.10    114.22     77.95     30.95     25.00     25.05     22.95    244.07    231.41    229.60    204.90    184.95    175.75    157.77
 735.   169.07    112.61     76.27     30.49     23.57     24.35     23.00    242.71    230.46    228.65    205.80    183.22    173.67    154.35
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 745.   160.57    112.63     82.45     29.41     23.22     23.85     22.65    240.32    228.00    227.30    205.22    175.97    169.55    151.90
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 755.   159.45    110.37     75.17     29.73     23.45     24.20     23.80    237.98    231.67    224.75    201.93    178.47    168.47    151.97
 760.   163.87    107.29     72.76     29.76     24.57     25.20     23.27    236.78    230.13    223.35    198.88    179.92    166.88    147.67
 765.   158.90    107.27     77.17     30.41     24.40     24.45     24.17    235.63    229.72    222.10    203.13    176.35    162.88    144.57
 770.   157.65    106.49     71.00     30.46     23.57     24.25     23.67    234.51    228.20    221.80    203.00    176.35    164.90    145.45
 775.   153.50    107.54     77.15     30.34     23.60     24.10     23.72    233.37    227.17    220.60    202.12    173.42    163.67    144.65
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PRC18-P-3-1/2                                                                           PAGE     5
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      0.     27.60     28.07     27.80     27.57     27.65     27.25     26.52     25.40     24.77     27.89     35.27     25.17     24.63     26.27
      0.     27.30     27.95     27.85     27.85     27.57     27.30     26.40     25.20     25.10     28.02     35.41     25.35     25.07     26.10
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      0.     26.97     27.45     27.25     27.75     27.67     26.95     26.30     25.47     25.02     28.00     35.51     25.45     25.00     25.80
      5.     32.12     31.10     29.56     29.63     29.52     29.62     28.13     27.52     27.52     29.68     39.71     27.85     27.35     25.85
     10.     40.85     40.66     34.90     33.41     31.05     30.17     28.95     27.92     27.47     30.32     41.56     27.22     27.60     26.00
     15.     51.27     51.39     45.17     34.19     31.56     30.46     29.05     28.45     27.97     31.49     44.90     27.00     27.50     26.20
     20.     71.15     66.98     59.12     42.49     35.05     34.03     29.51     28.47     28.05     35.19     55.95     28.85     28.50     26.27
     25.    123.93    119.29     86.79     60.19     45.93     43.85     34.02     31.22     30.51     45.49     75.98     30.80     31.39     26.47
     30.    200.00    183.57    161.67    102.00     67.02     54.22     38.73     34.90     33.07     58.90    105.63     33.78     33.76     26.85
     35.    286.17    246.51    203.22    143.95     73.54     67.50     43.54     41.15     41.60     77.81    155.10     36.49     39.15     27.52
     40.    319.79    292.15    245.39    191.65     91.90     82.79     50.00     46.10     44.85    107.73    205.54     40.61     42.68     28.57
     45.    358.55    326.98    288.02    230.61    119.90    101.51     58.31     50.78     50.58    147.60    262.00     43.76     45.88     29.02
     50.    369.53    327.69    302.51    221.77    139.17    124.00     63.38     56.51     51.74    179.05    315.24     49.32     48.32     30.80
     55.    400.24    352.93    310.50    242.24    168.63    140.50     75.56     59.19     58.49    198.35    349.17     53.58     57.17     33.34
     60.    435.00    392.38    346.90    291.46    173.32    139.75     79.36     65.17     67.31    204.88    399.67     62.76     62.17     36.41
     65.    433.57    391.19    351.50    295.10    206.46    164.40     89.38     74.46     76.37    225.65    436.21     63.79     74.12     40.07
     70.    452.62    429.76    366.98    303.02    199.12    179.37     96.02     82.24     80.93    223.88    456.20     63.09     75.71     44.27
     75.    460.93    425.00    362.79    314.51    201.15    192.52    101.61     82.00     83.43    231.17    495.35     60.95     75.02     47.63
     80.    477.67    436.90    395.95    320.81    224.50    194.70     94.62     84.12     85.45    236.76    518.37     67.36     77.73     51.00
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     95.    513.72    462.32    440.24    362.56    252.07    192.47    106.29     95.81    101.15    262.44    583.26     81.55     88.59     57.63
    100.    524.65    478.84    432.09    371.39    261.07    229.90    118.93    102.78    106.90    277.83    606.67     82.52     96.81     58.36
    105.    547.62    490.46    459.28    396.43    260.88    221.70    122.17    116.15    111.17    209.37    608.14     82.01     92.62     61.40
    110.    527.44    491.16    460.93    405.81    289.98    231.05    136.10    125.78    115.95    284.44    620.09     92.55    115.51     64.17
    115.    545.00    492.56    468.84    429.76    285.05    243.02    142.75    124.85    118.46    293.81    634.76    104.22    110.34     69.90
    120.    543.57    478.60    456.05    437.14    293.61    227.52    129.95    122.05    118.24    305.27    640.40    101.27    109.54     73.19
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    130.    540.70    499.77    476.28    432.62    319.21    238.44    136.63    119.68    128.19    313.12    634.52     97.45    113.49     77.44
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    150.    586.19    516.28    491.63    436.98    305.00    242.56    146.82    138.27    125.15    318.00    686.90    100.17    115.93     81.59
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    205.    553.72    514.65    493.49    431.43    314.05    256.19    156.07    141.17    128.10    233.17    663.81    112.41    129.71     91.67
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    215.    567.44    525.58    495.35    430.24    309.95    258.32    157.13    153.70    137.55    224.15    672.86    116.12    126.63     93.07
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PRC18-P-3-1/2                                                           PAGE     6
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 295.   543.49    510.00    451.86    410.48    291.69    275.32    160.87    145.22    149.97    229.56    631.90    112.44    135.92    102.17
 300.   552.38    512.86    457.91    410.24    311.90    257.32    159.22    148.97    149.35    206.83    626.90    103.15    136.67    102.03
 305.   525.35    496.90    460.24    390.95    314.90    245.63    162.22    148.65    155.88    220.60    606.05    111.41    128.05    103.34
 310.   525.35    478.60    432.56    389.52    302.73    248.61    156.50    139.47    133.72    220.75    612.14    116.44    121.22    102.39
 315.   515.12    474.42    437.67    390.71    277.78    229.44    147.32    137.27    126.17    217.72    605.00    122.19    117.73    101.17
 320.   518.57    473.72    431.63    385.71    275.02    238.83    149.90    134.35    137.97    205.73    581.16    100.22    119.93    100.65
 325.   493.95    459.77    424.52    366.98    269.58    239.98    149.25    135.57    137.97    224.20    586.90    113.07    128.02    101.12
 330.   493.95    452.56    426.67    357.14    252.90    231.92    144.55    138.92    137.00    216.37    563.95    102.22    112.71    100.76
 335.   476.28    455.48    421.43    340.59    254.73    222.77    143.82    135.00    129.90    214.38    554.88     92.26    117.49    100.22
 340.   500.71    455.81    409.30    352.98    273.98    222.30    137.97    120.54    129.34    201.69    547.21    101.32    106.93     96.88
 345.   474.19    451.43    403.26    350.00    248.07    226.35    138.75    123.58    122.03    205.71    549.28    111.49    114.66     96.57
 350.   468.14    440.46    398.81    340.50    246.44    206.76    140.77    127.71    129.10    203.61    526.74     95.40    116.39     97.02
 355.   460.00    435.95    390.00    313.19    240.29    222.07    137.82    121.37    116.05    201.34    516.28    100.56    116.39     96.29
 360.   454.28    425.71    364.42    319.29    231.39    203.37    138.35    126.37    118.24    203.66    518.33     92.81    110.78     95.26
 365.   439.77    422.14    370.00    317.81    233.68    216.65    137.90    124.15    120.12    197.72    496.51    101.73    114.56     94.95
 370.   434.42    407.44    361.84    313.24    239.56    202.42    134.13    117.56    117.66    193.95    499.76    102.46    106.44     94.17
 375.   433.81    406.98    362.09    314.26    234.02    198.90    129.07    125.07    119.80    196.00    478.04    105.02    111.73     94.05
 380.   434.28    404.76    352.09    304.98    207.29    199.34    126.17    116.24    117.07    194.90    470.23    100.49    102.10     93.71
 385.   407.67    394.76    345.07    297.17    219.42    189.60    124.70    112.90    104.41    192.57    462.09     87.12    101.05     92.64
 390.   410.63    392.06    340.69    293.85    223.45    193.20    125.02    114.37    104.39    183.32    453.49     89.45    100.49     91.69
 395.   408.00    387.74    346.63    285.49    214.13    186.92    120.95    113.32    106.85    184.20    456.43     88.05    102.80     90.79
 400.   401.52    381.88    348.15    283.37    202.70    185.67    118.78    110.73    103.78    183.95    438.44     89.09     97.29     89.93
 405.   401.62    371.19    321.36    283.88    203.07    181.22    117.85    107.95    104.22    167.52    431.77     83.29    101.76     88.90
 410.   392.17    368.50    324.74    277.88    200.75    185.05    117.95    113.49    105.46    164.65    434.20     84.00    100.98     87.93
 415.   380.55    363.40    311.39    264.37    188.63    174.95    115.76    106.85     95.33    167.32    427.57     78.45     88.07     87.21
 420.   366.98    353.81    305.37    261.56    210.75    173.45    118.73    107.58    103.90    159.82    421.74     81.64     91.55     86.50
 425.   363.95    352.57    304.98    257.85    202.60    173.85    118.93    103.12    101.63    161.47    405.81     75.88     87.38     65.52
 430.   369.90    340.95    286.34    255.02    194.15    173.77    109.17    100.58     95.79    160.17    409.12     79.12     89.40     84.24
 435.   358.24    346.24    285.93    254.12    185.27    188.00    115.66    101.73    100.19    152.60    403.03     81.57     97.19     83.29
 440.   353.31    340.46    292.17    249.44    182.47    167.32    107.29     97.62     93.19    155.17    398.76     78.83     91.95     82.48
 445.   346.56    320.06    275.98    237.10    173.13    157.30    110.34    101.00     95.62    145.60    392.55     74.78     88.52     81.86
 450.   342.71    322.83    282.73    241.22    175.32    153.88    107.05    104.83     93.64    144.47    387.26     76.58     94.33     81.05
 455.   347.90    321.17    279.98    234.88    171.42    150.97    105.07    101.19     90.90    144.38    383.36     82.21     93.74     80.17
 460.   343.66    321.29    270.58    235.61    180.92    154.65    110.02    103.98     93.21    138.85    369.65     67.76     84.14     79.49
 465.   325.02    312.29    269.10    234.51    167.75    156.62    108.44     93.12     92.83    143.82    365.42     82.83     95.57     78.64
 470.   318.57    308.85    263.54    228.30    161.13    157.45    108.93     93.83     89.14    134.70    369.67     79.12     90.14     78.40
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PRC18-P-3-1/2                                                                                  PAGE    7
TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
 475.   313.95   303.22   256.54   233.22   165.32   149.92   102.32    94.17    86.98   134.35   365.52    76.19    86.88    78.09
 480.   311.19   293.45   245.58   223.75   153.85   142.75    96.19    84.21    89.62   133.97   361.93    74.66    83.62    79.07
 485.   311.64   302.44   238.29   207.22   157.25   139.88    94.69    89.21    83.09   128.83   356.95    70.07    81.71    78.17
 490.   310.37   292.78   243.12   206.78   159.62   146.95    97.31    81.98    83.00   126.49   353.21    64.07    78.95    77.00
 495.   305.90   284.02   237.22   207.78   150.27   140.10    91.69    81.90    80.26   125.34   349.79    71.05    78.93    75.66
 500.   292.79   282.39   229.76   215.40   151.75   139.55    92.36    78.14    79.00   125.05   346.30    63.99    76.56    75.10
 505.   295.32   271.88   228.10   198.32   149.90   126.15    87.59    81.69    79.69   120.68   342.00    63.48    76.71    74.34
 510.   286.37   273.15   229.82   198.68   143.80   135.15    92.38    80.48    79.09   125.93   346.90    64.90    80.14    73.51
 515.   278.37   257.56   224.90   196.45   141.30   126.80    99.21    70.95    79.49   115.54   343.54    58.41    73.88    72.46
 520.   266.58   252.68   226.65   194.97   136.95   123.98    84.36    74.39    76.93   118.22   339.98    69.98    76.68    71.12
 525.   270.56   252.27   207.22   189.40   137.70   119.27    87.33    82.59    78.64   118.07   328.05    69.61    78.46    70.44
 530.   260.63   245.44   204.07   184.85   146.47   113.98    82.12    74.00    77.49   115.68   324.57    62.00    72.88    70.34
 535.   254.07   239.71   198.46   185.12   135.40   121.49    82.64    70.44    73.90   110.98   321.14    57.95    67.36    69.66
 540.   247.98   235.10   199.10   179.85   121.46   117.46    80.00    71.37    74.39   105.05   317.80    58.68    69.93    67.60
 545.   244.41   231.59   195.77   173.13   118.90   117.37    79.19    67.48    76.71   110.05   314.33    56.93    63.19    66.50
 550.   239.41   232.25   200.10   173.92   117.85   117.98    80.83    67.59    74.98   104.71   312.19    59.90    70.24    66.00
 555.   235.22   227.65   194.65   165.15   115.05   111.44    79.51    66.67    73.39   105.34   316.05    55.78    67.83    65.40
 560.   235.51   224.27   185.82   166.32   117.95   113.76    77.80    62.05    72.93   101.90   314.00    57.95    67.38    64.45
 565.   231.07   214.90   183.47   164.55   121.10   114.88    76.73    65.98    64.69    97.62   311.32    59.64    66.02    63.67
 570.   230.92   205.93   170.27   163.10   122.66   109.32    75.27    67.38    65.02    95.55   308.17    60.24    64.14    63.07
 575.   224.55   205.29   174.77   159.70   117.49   106.37    74.65    66.74    66.57    95.40   305.98    64.09    65.59    62.12
 580.   215.25   199.32   169.17   155.55   115.27   107.00    74.12    63.48    67.55    92.24   304.12    56.15    70.32    61.50
 585.   213.55   199.05   165.00   157.00   115.15   104.98    73.46    66.21    63.69    91.38   301.51    53.63    61.50    60.79
 590.   214.20   201.40   169.47   156.90   113.54   102.66    76.41    62.93    66.59    89.24   291.24    54.98    64.52    60.19
 595.   202.95   197.12   161.52   152.30   110.10   104.90    74.61    61.64    63.33    90.02   296.83    52.93    62.29    59.57
 600.   200.27   186.30   155.95   151.25   110.10    95.55    76.19    63.12    64.50    87.26   294.29    51.00    63.40    58.90
 605.   203.00   188.10   163.87   149.75   110.37    96.74    71.71    61.21    61.43    85.86   292.44    52.37    59.50    58.26
 610.   197.60   187.00   153.20   146.97   111.29   101.24    72.78    61.93    63.55    86.67   290.07    56.08    60.76    59.00
 615.   195.85   189.65   151.70   147.97   109.49   104.58    73.12    65.55    63.48    84.38   288.15    57.24    67.29    58.95
 620.   184.30   176.00   146.88   144.95   103.76   100.19    72.07    63.59    63.31    82.33   286.76    56.15    59.71    58.58
 625.   193.17   181.55   150.60   142.30   102.29    91.74    70.07    57.95    67.38    85.09   204.00    52.54    61.76    50.00
 630.   183.40   174.20   146.10   144.17    97.45    89.57    65.98    57.93    64.05    03.05   282.44    49.10    58.68    57.41
 635.   183.97   173.63   146.80   138.25    92.59    92.12    66.64    58.98    60.31    81.24   280.44    52.07    58.33    56.90
 640.   181.65   173.05   146.12   137.70    95.48    90.17    67.52    60.07    61.07    81.71   279.19    45.71    59.76    56.63
 645.   184.27   168.77   145.77   139.57    96.64    89.83    64.81    56.78    60.43    78.67   277.83    50.08    57.22    56.15
 650.   176.55   170.95   144.45   138.50    91.38    91.38    64.69    55.98    60.93    82.62   275.73    49.80    56.15    55.78
 655.   177.55   166.25   141.20   135.17    90.67    88.71    65.07    55.71    58.41    80.26   274.05    45.19    57.15    55.22
 660.   176.60   162.60   141.88   133.30    94.57    86.38    65.00    56.76    61.52    78.69   272.44    46.98    59.48    55.02
 665.   170.52   165.07   137.13   129.51    95.00    89.40    63.88    59.21    60.00    75.63   270.90    52.41    57.78    54.78
 670.   171.82   163.13   135.67   129.56    89.00    80.29    64.55    59.21    60.57    78.62   269.19    52.56    60.57    54.39
 675.   170.02   164.00   140.32   126.22    89.95    85.14    63.19    58.88    60.02    78.44   267.54    45.39    57.65    53.98
 680.   164.92   158.60   133.60   126.15    86.55    82.90    63.86    58.34    59.40    79.19   266.78    53.44    62.45    53.46
 685.   167.32   158.17   138.42   125.44    87.00   -53.23    61.55    55.12    57.05    78.85   264.93    51.15    58.66    53.15
 690.   161.90   152.82   127.12   123.83    92.12   -30.44    63.24    55.83    57.68    76.63   263.85    45.41    55.58    52.85
 695.   161.72   153.07   125.58   122.63    88.62    72.44    62.55    57.76    55.34    75.78   262.73    51.88    56.22    52.15
 700.   161.07   151.55   125.68   121.12    90.52    70.61    60.74    55.80    56.66    73.66   261.34    45.19    55.05    52.07
 705.   157.75   151.32   129.93   120.32    85.36    53.05    61.81    57.39    55.15    71.07   260.07    44.49    54.85    51.78
 710.   159.25   152.90   128.95   117.98    90.64    64.05    62.26    55.15    55.32    71.41   258.56    49.93    56.29    51.73
 715.   155.50   149.27   127.02   119.02    89.12    88.62    62.50    58.33    57.07    72.27   257.41    47.58    55.88    51.49
 720.   148.27   145.80   128.22   118.54    84.29    95.33    64.55    57.05    50.37    73.02   256.07    44.29    51.90    50.93
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PRC18-P-3-1/2                                                                   PAGE      8
TIME       14         15         16         17         18         19         20         21         22         23         24         25         26         27
 725.    148.05     143.32     120.51     113.85      81.81      80.76      60.74      55.80      52.58      74.02     254.76      48.80      52.58      50.54
 730.    147.02     141.50     121.95     116.51      79.69      84.86      61.24      52.71      53.15      71.51     253.63      51.56      56.56      50.27
 735.    144.82     139.77     119.32     112.61      84.50      82.69      60.95      53.71      54.71      67.67     252.51      49.61      55.54      50.05
 740.    143.47     143.22     122.66     113.19      80.57      81.07      59.45      52.68      55.49      67.52     251.22      46.34      54.83      49.95
 745.    142.57     139.40     111.88     112.88      83.26      82.86      61.33      54.90      58.85      70.07     249.78      43.83      53.56      50.00
 750.    141.32     139.40     116.17     114.17      81.62      79.81      59.09      50.88      57.19      70.34     248.68      47.12      56.37      49.78
 755.    140.57     137.40     117.02     115.07      77.88      76.95      60.19      52.93      55.19      66.05     247.51      45.07      52.90      49.61
 760.    139.80     136.30     119.19     112.51      78.19      75.34      56.10      51.68      55.56      66.64     246.27      49.58      52.02      49.49
 765.    137.20     135.15     118.46     109.95      77.86      78.37      58.22      51.88      51.88      67.33     244.90      49.49      54.15      49.15
 770.    137.52     127.88     112.27     107.24      84.05      72.78      58.44      51.90      52.60      71.51     243.78      50.56      54.71      48.76
 775.    136.82     136.47     116.17     109.44      79.59      75.05      58.17      52.07      51.85      70.32     242.73      43.15      53.07      48.56
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PRC18-P-3-1/2                                                                        PAGE    9
TIME      28       29        30       31         32        33        34        35        36        37        38        39        40        41
   0.    27.12    27.02    19.38  9600.51      0.01     -0.00     -0.01      0.35      0.00      0.00      0.00      0.01      5.71     -0.08
   0.    26.85    27.22    29.60  9600.51      0.01      0.00     -0.01     -0.07      0.00      0.00      0.00      0.01      5.71     -0.25
   0.    26.60    27.10    40.08  9600.51      0.01     -0.00     -0.01     -0.13      0.00      0.00      0.00      0.01      5.71      0.11
   0.    26.47    26.90    50.30  9621.39      0.01     -0.00     -0.01     -0.22      0.00      0.00      0.00      0.01      5.71      0.03
   0.    26.45    26.80    59.56  9621.39      0.00     -0.00     -0.01     -0.24      0.00      0.00      0.00      0.01      5.71     -0.10
   0.    26.63    26.80    69.78  9600.51      0.01     -0.00     -0.01     -0.40      0.00      0.00      0.00      0.01      5.71      0.20
   5.    28.88    29.62    10.15  9663.20      0.01     -0.00      0.01      0.87      0.00      0.00      0.00      0.01     21.00      1.17
  10.    29.42    29.93    19.38  9684.10      0.02      0.00      0.03      1.01      0.00      0.00      0.00      0.01     20.90      1.83
  15.    29.61    30.39    29.61 -9704.98      0.03      0.01      0.09      0.31      0.00      0.00      0.00      0.02     20.81      1.20
  20.    32.05    34.61    40.09  9621.39      0.12      0.04      0.22     -0.30      0.00      0.00      0.00      0.05     20.65      4.28
  25.    38.66    45.54    50.31  9642.29      0.23      0.07      0.49     -0.40      0.00      0.00      0.00      0.14     20.38      6.27
  30.    58.86    61.38    59.56  9579.59      0.42      0.11      0.87     -0.51      0.00      0.00      0.00      0.34     19.80      3.37
  35.    52.76    63.33    69.79  9579.59      0.63      0.17      1.50     -0.64      0.00      0.00      0.00      0.60     18.82      9.67
  40.    70.10    82.81    10.15  9496.00      0.65      0.25      2.29      4.29      0.00      0.00      0.00      0.94     17.10      7.75
  45.    73.61    91.26    19.38  9140.70      0.98      0.31      2.84      3.31      0.00      0.00      0.00      1.06     15.21     13.30
  50.    91.09   105.27    29.60  9412.39      1.08      0.39      3.73      1.48      0.00      0.00      0.00      1.21     13.24     11.02
  55.   114.15   134.40    40.08  9412.39      1.27      0.41      4.36     -0.77      0.00      0.00      0.00      1.53     11.45     11.19
  60.   116.15   138.63    50.31  9203.40      1.40      0.45      5.12     -0.93      0.00      0.00      0.00      1.74      9.65     10.27
  65.   120.34   141.75    59.56  9140.70      1.43      0.46      5.38     -1.03      0.00      0.00      0.00      1.78      8.99     14.69
  70.   158.20   168.07    69.79  9098.89      1.54      0.48      5.78     -1.00      0.00      0.00      0.00      1.76      8.00     10.40
  75.   151.92   170.02    10.14  9098.89      1.58      0.48      6.19      5.24      0.00      0.00      0.00      1.87      7.47      7.20
  80.   168.60   184.72    19.37  8889.89      1.69      0.48      6.38      3.74      0.00      0.00      0.00      2.13      6.99     14.00
  85.   162.25   191.70    29.60  8659.98      1.80      0.50      6.77      2.62      0.00      0.00      0.00      2.24      6.77     14.67
  90.   166.17   200.32    40.08  8597.29      1.86      0.52      6.98     -0.79      0.00      0.00      0.00      2.29      6.58     13.26
  95.   200.15   217.50    50.30  8471.89      1.99      0.51      7.06     -1.02      0.00      0.00      0.00      2.63      6.28     12.85
 100.   194.42   217.67    59.56  8325.61      2.06      0.49      6.86     -1.26      0.00      0.00      0.00      2.58      6.80     11.30
 105.   219.88   245.85    69.78  8200.18      2.14      0.52      7.27     -1.21      0.00      0.00      0.00      2.68      7.20      8.85
 110.   230.82   260.66    10.14  8116.60      2.20      0.50      6.85      5.55      0.00      0.00      0.00      2.68      6.78      7.96
 115.   227.35   247.63    19.38  7928.50      2.24      0.52      7.19      4.21      0.00      0.00      0.00      2.78      6.15     14.73
 120.   230.88   274.54    29.60  7761.30      2.26      0.50      7.02      2.57      0.00      0.00      0.00      2.77      6.50     14.43
 125.   249.76   272.24    40.08  7656.79      2.33      0.48      6.80     -0.85      0.00      0.00      0.00      2.87      6.67     10.58
 130.   248.41   286.27    50.29  7552.29      2.34      0.48      7.00     -1.00      0.00      0.00      0.00      2.87      7.02     12.23
 135.   226.85   268.90    59.56  7364.19      2.42      0.49      7.14     -1.19      0.00      0.00      0.00      2.80      7.43     13.56
 140.   258.90   286.24    69.79  7259.69      2.50      0.48      7.27     -1.04      0.00      0.00      0.00      3.01      7.20     12.34
 145.   244.12   282.54    10.14  7134.29      2.57      0.50      7.57      6.00      0.00      0.00      0.00      3.13      7.55     12.14
 150.   262.12   293.07    19.37  6988.01      2.58      0.50      7.58      4.68      0.00      0.00      0.00      3.12      7.05      8.03
 155.   250.68   284.37    29.59  6862.59      2.67      0.50      7.57      2.26      0.00      0.00      0.00      3.16      6.94      9.02
 160.   267.00   293.12    40.08  6695.38      2.61      0.50      7.54     -0.75      0.00      0.00      0.00      3.22      7.39     14.46
 165.   290.76   313.93    50.29  6611.79      2.69      0.48      7.27     -1.06      0.00      0.00      0.00      3.24      7.29      7.60
 170.   297.44   311.95    59.56  6486.39      2.70      0.47      7.24     -1.11      0.00      0.00      0.00      3.35      7.22     13.85
 175.   266.32   294.27    69.78  6361.00      2.64      0.45      6.83     -1.27      0.00      0.00      0.00      3.31      7.35     13.32
 180.   269.83   303.68    10.13  6256.50      2.53      0.45      6.85      5.84      0.00      0.00      0.00      3.10      7.25     12.65
 185.   254.61   303.63    19.37  6151.99      2.59      0.43      6.49      4.36      0.00      0.00      0.00      3.09      7.71     14.39
 190.   289.58   313.12    29.59  6026.60      2.59      0.44      6.92      2.80      0.00      0.00      0.00      3.05      7.89     13.07
 195.   265.68   296.73    40.08  5859.39      2.64      0.43      6.62     -0.73      0.00      0.00      0.00      3.15      8.34     13.61
 200.   293.02   310.76    50.29  5775.81      2.62      0.40      6.19     -0.81      0.00      0.00      0.00      3.13      8.75      8.35
 205.   277.17   304.49    59.56  5632.97      2.56      0.40      6.30     -1.06      0.00      0.00      0.00      3.12      8.58     12.24
 210.   248.44   292.86    69.70  5557.19      2.64      0.40      6.29     -1.07      0.00      0.00      0.00      3.10      8.93     12.13
 215.   294.24   289.37    10.13  5456.17      2.59      0.40      6.23      5.60      0.00      0.00      0.00      3.09      8.02     10.49
 220.   306.44   312.68    19.38  5304.61      2.58      0.39      6.29      4.74      0.00      0.00      0.00      3.16      9.23     13.86
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PRC18-P-3-1/2                                                           PAGE    10
TIME      28        29        30      31        32       33       34       35       36       37       38       39       40       41
 225.   318.83    292.88    29.59  5153.06     2.54     0.38     6.09     1.65     0.00     0.00     0.00     3.07     9.07    12.31
 230.   265.93    294.17    40.07  5052.00     2.59     0.38     5.99     0.03     0.00     0.00     0.00     3.12     9.21    10.39
 235.   307.17    310.32    50.29  4950.98     2.57     0.39     5.91    -1.00     0.00     0.00     0.00     3.09     9.24    13.40
 240.   317.63    305.85    59.55  4799.42     2.50     0.37     5.79    -1.15     0.00     0.00     0.00     3.03     9.05    11.68
 245.   274.63    294.41    69.77  4723.64     2.56     0.37     5.82    -1.16     0.00     0.00     0.00     3.04     9.60    12.21
 250.   311.31    314.61    10.12  4647.83     2.57     0.38     5.93     5.51     0.00     0.00     0.00     2.99     9.29     9.45
 255.   301.78    316.74    19.37  4471.03     2.57     0.36     5.59     4.55     0.00     0.00     0.00     2.99     9.40    14.34
 260.   316.22    309.32    29.58  4344.72     2.57     0.37     5.74     2.59     0.00     0.00     0.00     2.95     9.55    11.32
 265.   320.52    297.68    40.06  4218.41     2.49     0.35     5.56    -0.63     0.00     0.00     0.00     2.95     9.57    11.50
 270.   316.05    296.27    50.27  4193.17     2.47     0.35     5.67    -1.05     0.00     0.00     0.00     2.88     9.86    14.40
 275.   313.86    296.54    59.54  4041.61     2.49     0.34     5.40    -1.24     0.00     0.00     0.00     2.84    10.17    13.34
 280.   307.27    312.49    69.76  3915.31     2.45     0.34     5.33    -1.21     0.00     0.00     0.00     2.81     9.98    11.72
 285.   265.51    308.54    10.12  3864.78     2.39     0.33     5.06     5.29     0.00     0.00     0.00     2.76    10.17     8.95
 290.   277.63    295.83    19.37  3763.75     2.28     0.32     4.93     4.33     0.00     0.00     0.00     2.58    10.23     9.30
 295.   271.12    270.29    29.58  3612.20     2.30     0.32     4.93     2.10     0.00     0.00     0.00     2.58    10.84    14.76
 300.   280.54    283.39    40.06  3511.14     2.30     0.31     4.72    -0.88     0.00     0.00     0.00     2.49    10.97    14.91
 305.   313.76    294.19    50.29  3435.36     2.23     0.30     4.51    -1.01     0.00     0.00     0.00     2.36    11.08    11.35
 310.   322.95    302.02    59.55  3359.58     2.10     0.29     4.43    -1.16     0.00     0.00     0.00     2.33    11.52    11.73
 315.   271.39    270.12    69.78  3182.78     2.09     0.28     4.30    -1.14     0.00     0.00     0.00     2.25    12.02    10.35
 320.   271.78    274.49    10.13-34313.18     2.02     0.26     4.00     5.32     0.00     0.00     0.00     2.10    12.30     9.85
 325.   258.02    256.12    19.36  3031.19     1.93     0.26     3.85     4.15     0.00     0.00     0.00     1.98    12.40    11.03
 330.   251.17    252.12    29.58  2980.70     1.91     0.24     3.64     2.38     0.00     0.00     0.00     1.90    12.76    10.49
 335.   236.44    242.68    40.05  2854.39     1.82     0.23     3.58    -0.68     0.00     0.00     0.00     1.82    13.08    10.63
 340.   281.80    268.95    50.28  2829.15     1.80     0.22     3.31    -0.96     0.00     0.00     0.00     1.82    13.39     9.16
 345.   232.05    244.17    59.54  2702.84     1.76     0.21     3.28    -1.16     0.00     0.00     0.00     1.75    13.74    12.75
 350.   235.37    236.34    69.76  2652.31     1.68     0.20     3.00    -1.12     0.00     0.00     0.00     1.62    13.98    11.28
 355.   220.52    242.63    10.11  2700.29     1.60     0.19     2.87     5.07     0.00     0.00     0.00     1.51    14.29     7.28
 360.   229.13    233.35    19.35  2500.75     1.54     0.18     2.67     3.55     0.00     0.00     0.00     1.43    14.62     8.70
 365.   232.05    228.58    29.57  2399.69     1.48     0.17     2.62     1.83     0.00     0.00     0.00     1.40    14.74    12.20
 370.   228.97    241.34    40.05  2424.98     1.44     0.16     2.43    -0.58     0.00     0.00     0.00     1.38    14.99    11.20
 375.   240.95    236.32    50.28  2298.67     1.37     0.15     2.30    -0.99     0.00     0.00     0.00     1.28    15.18    10.97
 380.   188.02    205.54    59.53  2323.91     1.30     0.14     2.22    -1.13     0.00     0.00     0.00     1.23    15.48     9.56
 385.   223.60    221.90    69.75  2298.67     1.22     0.14     2.04    -1.14     0.00     0.00     0.00     1.16    15.68    10.50
 390.   213.80    226.30    10.12  2308.77     1.19     0.13     2.00     4.65     0.00     0.00     0.00     1.12    15.76     9.84
 395.   201.00    199.93    19.35  2147.10     1.16     0.13     1.87     3.42     0.00     0.00     0.00     1.09    16.00    10.60
 400.   188.75    201.00    29.57  2096.58     1.12     0.12     1.82     1.38     0.00     0.00     0.00     1.04    16.25     5.66
 405.   191.02    208.02    40.05  2147.10     1.08     0.11     1.70    -0.65     0.00     0.00     0.00     1.00    16.43     8.44
 410.   187.02    198.83    50.27  2071.32     1.07     0.11     1.63    -0.94     0.00     0.00     0.00     0.97    16.58     6.66
 415.   161.07    189.20    59.53  2020.80     1.02     0.10     1.57    -1.04     0.00     0.00     0.00     0.92    16.71     7.17
 420.   215.80    199.44    69.74  1995.54     0.99     0.10     1.50    -1.06     0.00     0.00     0.00     0.92    16.87     8.34
 425.   203.19    202.88    10.11  2061.22     0.95     0.09     1.51     4.35     0.00     0.00     0.00     0.86    16.94     7.95
 430.   175.45    191.82    19.34  1970.28     0.92     0.09     1.45     3.16     0.00     0.00     0.00     0.87    16.99     7.06
 435.   169.95    180.72    29.57  1894.50     0.89     0.09     1.36     1.52     0.00     0.00     0.00     0.80    17.09    10.80
 440.   183.87    179.60    40.05  1768.20     0.88     0.09     1.35    -0.69     0.00     0.00     0.00     0.78    17.21    10.53
 445.   174.40    167.35    50.27  1818.72     0.83     0.08     1.22    -0.97     0.00     0.00     0.00     0.74    17.33     8.57
 450.   171.63    172.45    59.52  1818.72     0.82     0.08     1.15    -1.06     0.00     0.00     0.00     0.72    17.29     7.03
 455.   166.17    164.27    69.75  1742.94     0.80     0.08     1.18    -1.02     0.00     0.00     0.00     0.69    17.35     7.35
 460.   178.17    181.55    10.11  1831.35     0.78     0.07     1.08     4.02     0.00     0.00     0.00     0.68    17.50     7.91
 465.   149.90    163.90    19.35  1742.94     0.75     0.07     1.07     2.95     0.00     0.00     0.00     0.66    17.51     8.49
 470.   152.72    172.20    29.57  1717.68     0.74     0.07     1.02     1.13     0.00     0.00     0.00     0.64    17.55     8.72
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PRC18-P-3-1/2                                                              PAGE    11
TIME     28       29        30      31         32        33        34        35        36        37        38        39        40        41
 475.   161.90   167.47    40.05  1566.12     0.72      0.07      1.02     -0.54      0.00      0.00      0.00      0.64     17.62      8.01
 480.   146.95   149.85    50.28  1692.42     0.71      0.07     •0.95     -0.94      0.00      0.00      0.00      0.61     17.72     10.90
 485.   167.30   158.07    59.55  1667.16     0.67      0.07      0.92     -1.08      0.00      0.00      0.00      0.59     17.75      6.73
 490.   154.72   156.25    69.76  1641.90     0.65      0.06      0.92     -1.03      0.00      0.00      0.00      0.59     17.73     10.54
 495.   141.52   148.27    10.13  1677.26     0.65      0.05      0.85      3.79      0.00      0.00      0.00      0.56     17.96      6.78
 500.   143.47   145.50    19.37  1667.16     0.63      0.06      0.85      2.65      0.00      0.00      0.00      0.54     18.02      6.74
 505.   129.22   137.67    29.58  1591.38     0.59      0.06      0.79      1.26      0.00      0.00      0.00      0.52     18.07      7.35
 510.   136.50   148.90    40.07  1515.60     0.59      0.06      0.79     -0.69      0.00      0.00      0.00      0.53     18.16      5.91
 515.   141.05   142.77    50.29  1540.86     0.56      0.06      0.82     -0.95      0.00      0.00      0.00      0.50     18.14      5.19
 520.   125.46   140.60    59.55  1566.12     0.54      0.05      0.73     -1.02      0.00      0.00      0.00      0.50     18.26      6.20
 525.   127.10   141.95    69.77  1515.60     0.52      0.05      0.71     -1.04      0.00      0.00      0.00      0.49     18.26      6.31
 530.   145.25   146.75    10.13  1506.33     0.51      0.05      0.73      3.39      0.00      0.00      0.00      0.48     18.34      8.05
 535.   120.73   124.83    19.37  1414.56     0.49      0.05      0.72      2.22      0.00      0.00      0.00      0.47     18.44      5.47
 540.   108.39   126.56    29.59  1439.82     0.48      0.05      0.70      0.81      0.00      0.00      0.00      0.46     18.50      7.64
 545.   109.51   115.88    40.07  1490.34     0.47      0.05      0.64     -0.55      0.00      0.00      0.00      0.46     18.57      3.61
 550.   110.80   119.58    50.28  1490.34     0.45      0.05      0.64     -1.04      0.00      0.00      0.00      0.45     18.60      6.31
 555.   108.44   122.12    59.55  1465.08     0.44      0.05      0.61     -0.89      0.00      0.00      0.00      0.43     18.70      6.26
 560.   120.32   109.93    69.77  1490.34     0.44      0.05      0.62     -0.89      0.00      0.00      0.00      0.42     18.82      3.01
 565.   116.44   121.85    10.13  1540.86     0.43      0.04      0.60      3.10      0.00      0.00      0.00      0.41     18.91      2.81
 570.   114.90   115.63    19.36  1490.34     0.41      0.04      0.58      1.98      0.00      0.00      0.00      0.41     19.04      7.08
 575.   112.85   114.00    29.57  1414.56     0.40      0.04      0.59      0.09      0.00      0.00      0.00      0.40     19.03      4.65
 580.   122.54   110.80    40.06  1465.08     0.41      0.04      0.56     -0.60      0.00      0.00      0.00      0.39     19.08      6.26
 585.   112.66   113.29    50.29  1465.08     0.40      0.04      0.57     -0.68      0.00      0.00      0.00      0.39     19.13      8.02
 590.   123.12   112.78    59.54  1389.30     0.38      0.04      0.54     -0.82      0.00      0.00      0.00      0.38     19.14      3.01
 595.   108.54   104.56    69.77  1414.56     0.38      0.04      0.53     -0.85      0.00      0.00      0.00      0.39     19.15      4.04
 600.   101.29   109.41    10.13  1477.71     0.38      0.04      0.50      2.87      0.00      0.00      0.00      0.37     19.06      5.08
 605.   112.19   109.85    19.37  1364.04     0.37      0.04      0.52      1.84      0.00      0.00      0.00      0.38     19.19      5.12
 610.   108.98   108.54    29.58  1364.04     0.36      0.04      0.49      0.59      0.00      0.00      0.00      0.36     19.33      5.57
 615.   102.41   102.78    40.05  1389.30     0.36      0.04      0.46     -0.52      0.00      0.00      0.00      0.36     19.22      4.26
 620.   106.58   102.76    50.28  1338.78     0.35      0.04      0.48     -0.71      0.00      0.00      0.00      0.36     19.41      7.21
 625.   100.41    96.45    59.55  1389.30     0.35      0.04      0.47     -0.82      0.00      0.00      0.00      0.35     19.39      2.78
 630.    91.26   102.51    69.77  1389.30     0.33      0.04      0.45     -0.86      0.00      0.00      0.00      0.34     19.43      4.76
 635.    89.31   102.63    10.13  1492.87     0.33      0.04      0.45      2.70      0.00      0.00      0.00      0.34     19.44      3.64
 640.    84.29    96.33    19.37  1364.04     0.33      0.03      0.45      1.65      0.00      0.00      0.00      0.35     19.54      3.16
 645.    95.52   103.02    29.58  1338.78     0.32      0.04      0.45     -0.25      0.00      0.00      0.00      0.33     19.67      4.35
 650.    81.57    86.88    40.06  1364.04     0.31      0.04      0.44     -0.46      0.00      0.00      0.00      0.32     19.71      1.27
 655.    86.81    93.31    50.28  1313.52     0.31      0.04      0.44     -0.71      0.00      0.00      0.00      0.32     19.72      3.87
 660.    85.71    94.17    59.54  1338.78     0.31      0.04      0.43     -0.80      0.00      0.00      0.00      0.32     19.79      2.07
 665.    92.38    95.79    69.76  1338.78     0.30      0.03      0.42     -0.79      0.00      0.00      0.00      0.31     19.86      4.21
 670.    84.02    85.33    10.13  1442.35     0.30      0.03      0.41      2.52      0.00      0.00      0.00      0.31     19.86      7.25
 675.    83.50    88.90    19.36  1364.04     0.29      0.03      0.41      1.56      0.00      0.00      0.00      0.32     19.81      3.64
 680.    85.55    89.69    29.58  1338.78     0.29      0.03      0.42      0.30      0.00      0.00      0.00      0.31     19.90      6.81
 685.    86.95    89.24    40.06  1288.26     0.29      0.03      0.39     -0.49      0.00      0.00      0.00      0.30     19.98      6.22
 690.    89.74    91.31    50.29  1288.26     0.28      0.03      0.40     -0.66      0.00      0.00      0.00      0.30     19.97      3.82
 695.    85.24    88.81    59.54  1364.04     0.27      0.03      0.40     -0.75      0.00      0.00      0.00      0.30     20.04      4.28
 700.    84.24    88.09    69.77  1313.52     0.27      0.03      0.39     -0.81      0.00      0.00      0.00      0.30     20.12      4.80
 705.    78.45    79.19    10.13  1444.87     0.27      0.03      0.39      2.34      0.00      0.00      0.00      0.29     20.11      4.19
 710.    87.48    90.02    19.36  1389.30     0.26      0.03      0.38      1.51      0.00      0.00      0.00      0.29     20.17      3.12
 715.    86.50    83.57    29.58  1313.52     0.25      0.03      0.38      0.54      0.00      0.00      0.00      0.29     20.14      2.91
 720.    78.74    81.43    40.07  1338.78     0.25      0.03      0.38     -0.41      0.00      0.00      0.00      0.29     20.26      4.48
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TIME	28	29	30	31	32	33	34	35	36	37	38	39	40	41
725.	75.80	78.21	50.29	1313.52	0.25	0.03	0.37	-0.62	0.00	0.00	0.00	0.28	20.28	2.59
730.	71.71	77.98	59.55	1339.78	0.26	0.03	0.36	-0.70	0.00	0.00	0.00	0.28	20.22	2.70
735.	82.00	79.86	69.77	1338.78	0.25	0.03	0.36	-0.82	0.00	0.00	0.00	0.27	20.33	2.60
740.	82.83	80.64	10.13	1457.50	0.25	0.03	0.35	2.27	0.00	0.00	0.00	0.28	20.39	6.01
745.	77.51	78.40	19.37	1389.30	0.24	0.03	0.36	1.42	0.00	0.00	0.00	0.27	20.41	2.87
750.	76.93	79.90	29.58	1338.78	0.25	0.03	0.36	0.41	0.00	0.00	0.00	0.26	20.41	3.67
755.	71.39	77.46	40.06	1364.04	0.24	0.03	0.35	-0.44	0.00	0.00	0.00	0.26	20.40	3.74
760.	74.29	80.52	50.29	1364.04	0.23	0.03	0.35	-0.63	0.00	0.00	0.00	0.26	20.41	4.14
765.	77.61	80.31	59.55	1364.04	0.23	0.03	0.35	-0.72	0.00	0.00	0.00	0.26	20.42	3.26
770.	79.10	78.63	69.76	1364.04	0.24	0.03	0.33	-0.67	0.00	0.00	0.00	0.26	20.42	4.21
775.	78.41	76.68	10.13	1447.40	0.22	0.03	0.33	2.15	0.00	0.00	0.00	0.26	20.41	3.51

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TIME      42        43        44        45        46        47        48
   0.    -0.11      0.17     -0.08      0.01      0.12      0.00      0.00
   0.    -0.35      0.31      0.23     -0.47      0.18      0.00      0.00
   0.    -0.03     -0.07      0.21      0.10     -0.23      0.00      0.00
   0.     0.03      0.11      0.13     -0.16      0.10      0.00      0.00
   0.     0.15     -0.26     -0.15     -0.13     -0.16      0.00      0.00
   0.     0.31     -0.27     -0.33      0.65     -0.01      0.00      0.00
   5.     1.21     -1.42      1.79     -0.99      0.10      0.00      5.00
  10.     0.39      0.80     -0.10     -0.01      0.90      0.00     10.00
  15.     4.17     -0.80     -0.62      0.86     -0.91      0.00     15.00
  20.     2.65      0.53      0.32      0.07     -2.01      0.01     20.00
  25.     5.17      1.81     -1.33     -1.13     -0.11      0.07     25.00
  30.    -0.19      4.82      0.85     -1.22     -1.66      0.35     30.00
  35.     3.44      4.77     -0.19      0.99     -3.91      1.09     35.00
  40.     6.69      2.13      0.96     -1.47     -3.56      2.55     40.00
  45.     6.80      2.24      0.78     -1.81      0.65      4.31     45.00
  50.     5.55      1.72     -1.84      3.80     -4.26      6.08     50.00
  55.     5.89     -0.88      3.40     -1.42      0.52      7.61     55.00
  60.     7.40      2.30      0.43     -3.22      0.57      8.82     60.00
  65.     6.05      2.33      1.26     -2.24      3.44      8.94     65.00
  70.     3.35      4.94     -2.29     -2.72      0.20     10.12     70.00
  75.     9.52      1.55     -0.36      0.80     -2.09     10.58     75.00
  80.     5.15      3.91     -0.31     -0.05     -1.78     11.12     80.00
  85.    11.57      0.74     -1.37     -0.91     -1.06     11.43     85.00
  90.     7.63      4.67     -0.54     -0.89     -0.24     11.50     90.00
  95.     9.72      0.10      0.50     -1.84     -4.25     11.58     95.00
 100.     7.72      1.85      1.60     -1.33     -4.13     10.90    100.00
 105.     7.85      4.75     -1.12     -1.65     -1.42     10.65    105.00
 110.     6.10      5.68      0.26     -2.69     -0.04     11.34    110.00
 115.     7.33      4.74     -4.17      4.60     -3.19     12.11    115.00
 120.     8.51      4.91     -0.83     -2.52      0.64     11.72    120.00
 125.     9.65      2.69      1.57     -2.04     -0.75     11.30    125.00
 130.     9.38      1.92     -0.81     -0.64     -2.43     11.11    130.00
 135.    11.11     -0.41      0.76      0.62     -2.81     10.69    135.00
 140.    13.90      0.79      1.79     -2.87      1.10     11.21    140.00
 145.     7.46      1.78     -0.87     -1.66     -4.41     10.96    145.00
 150.     9.31      3.84      1.54     -4.21     -1.39     11.64    150.00
 155.     7.95      2.45     -0.43     -1.53     -4.32     11.68    155.00
 160.     8.19      3.67      1.51     -1.39     -2.75     10.69    160.00
 165.    10.35      4.05      2.17     -0.91     -2.85     10.97    165.00
 170.     8.62      4.13      1.78     -1.73      0.83     11.00    170.00
 175.     7.22      4.78      0.82     -1.84     -1.95     10.97    175.00
 180.     5.35      2.58      2.55     -1.49     -2.48     10.89    180.00
 185.    10.75      2.17     -0.62     -0.73     -4.04     10.39    185.00
 190.     6.86      3.05      1.60     -1.96      0.06     10.47    190.00
 195.     6.08      3.78     -1.53     -2.09     -3.55      9.80    195.00
 200.    13.47      2.01     -0.98     -0.21     -4.26      9.58    200.00
 205.     7.79      4.19     -0.14     -2.20      2.52      9.87    205.00
 210.     8.55      2.82      0.18     -0.65     -3.40      9.12    210.00
 215.     5.98      5.57     -0.99     -0.69     -2.56      9.30    215.00
 220.     6.44      3.60     -0.23     -0.23     -3.71      9.00    220.00
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TIME       42       43       44       45       46        47      48
 225.     7.81     4.23    -0.51    -0.98    -1.06      9.18   225.00
 230.     7.10     6.63    -3.87     1.49    -4.17      8.04   230.00
 235.     6.67     2.35     0.62    -1.78    -2.22      9.05   235.00
 240.     8.67     1.19     0.36    -2.77    -0.13      9.06   240.00
 245.     7.41     4.28     2.12    -2.48    -0.19      8.43   245.00
 250.     6.16     7.11    -0.42    -1.15    -2.13      9.22   250.00
 255.     6.16     3.72    -0.67     0.16    -2.13      8.65   255.00
 260.     8.27     2.26    -0.22    -1.49    -4.64      8.50   260.00
 265.     6.95     2.92     0.62    -3.99    -1.59      8.48   265.00
 270.     6.64     2.47     1.31    -2.52    -1.65      8.24   270.00
 275.     5.08     4.48     0.53    -1.89    -4.00      8.00   275.00
 280.     8.89     1.80     0.84     0.77    -2.61      8.32   280.00
 285.     7.87     4.78    -0.72    -1.26    -2.40      8.00   285.00
 290.     8.64     5.05    -0.36     1.32    -3.68      7.98   290.00
 295.     3.88     4.99     0.21    -0.09    -2.14      7.14   295.00
 300.     7.09     2.10     0.70    -0.76    -4.14      7.21   300.00
 305.     7.98     1.45     0.48    -0.53    -1.95      7.15   305.00
 310.     5.31     4.66    -1.53    -1.83    -0.21      6.79   310.00
 315.     6.14     2.50     2.12    -2.29    -3.71      6.25   315.00
 320.     8.52     1.84     1.19    -1.27    -1.10      5.86   320.00
 325.     8.41     2.82    -2.13     2.24    -2.52      5.78   325.00
 330.     8.01     1.40    -0.65    -0.20    -2.35      5.56   330.00
 335.     4.91     2.92     1.24    -0.98    -4.41      5.15   335.00
 340.     8.39     0.99     2.26    -0.61    -2.98      4.78   340.00
 345.     6.75     3.48    -2.54     2.11    -5.78      4.45   345.00
 350.     8.03     1.78     1.83    -1.21    -1.43      4.17   350.00
 355.     8.52     1.36     1.71    -0.07    -3.04      3.94   355.00
 360.     8.23     3.43    -0.55     0.23    -2.33      3.43   360.00
 365.     6.10     5.04    -1.72     0.74    -3.84      3.47   365.00
 370.     5.18     4.05    -0.91    -1.99     0.81      3.24   370.00
 375.     4.57     4.69     0.63    -2.92     2.15      3.13   375.00
 380.     6.26     2.26     1.12    -0.98    -2.36      2.87   380.00
 385.     4.89     5.51    -1.64     0.53    -2.58      2.79   385.00
 390.     5.13     3.19    -0.20    -3.22     0.74      2.73   390.00
 395.     4.02     4.40    -0.94    -0.74    -1.71      2.50   395.00
 400.     9.34     0.81     0.87    -1.46    -6.17      2.37   400.00
 405.     4.82     4.19    -2.04     0.45    -3.74      2.25   405.00
 410.     6.60     0.59     1.36    -3.40    -1.77      2.16   410.00
 415.     7.49     2.08    -0.12    -1.13    -0.59      2.08   415.00
 420.     5.72     2.25    -0.77    -0.44    -2.40      1.91   420.00
 425.     6.92     1.54    -0.61    -1.39     0.18      1.89   425.00
 430.     6.21     2.26     0.76    -1.32    -1.72      1.87   430.00
 435.     3.07     3.81    -1.17     0.54    -2.06      1.80   435.00
 440.     3.62     3.83    -0.25    -1.00    -1.66      1.64   440.00
 445.     4.95     2.01    -0.24     0.06    -3.58      1.56   445.00
 450.     6.07     1.96     0.66    -2.98    -1.26      1.67   450.00
 455.     6.09     0.31     2.14    -3.60    -0.62      1.51   455.00
 460.     4.46     4.43    -3.70     0.56    -5.17      1.41   460.00
 465.     3.73     3.60    -0.63     0.27    -1.82      1.41   465.00
 470.     4.99     2.12    -0.59    -0.13    -3.90      1.40   470.00
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PRC18-P-3-1/2
TIME        42        43        44        45        46        47       48
 475.      4.00      3.18     -0.84     -1.09     -1.08      1.30   475.00
 480.      3.04      3.45     -1.94      1.74     -1.97      1.21   480.00
 485.      5.62      2.16     -0.96     -0.07     -1.43      1.22   485.00
 490.      1.77      4.10     -0.73      0.27     -2.10      1.17   490.00
 495.      4.57      3.26     -2.14     -2.29     -5.87      1.08   495.00
 500.      5.00      3.00     -0.86     -1.75     -0.64      1.02   500.00
 505.      4.55      2.94     -0.04     -1.84     -0.78      1.00   505.00
 510.      4.52      3.23     -2.68     -1.60     -2.65      0.90   510.00
 515.      5.49      0.89      0.65     -0.41     -1.43      0.96   515.00
 520.      5.61      0.58      0.50     -0.23     -1.01      0.84   520.00
 525.      3.97      2.75     -0.12     -0.58     -0.64      0.84   525.00
 530.      3.54      0.65      0.90     -0.49     -0.84      0.75   530.00
 535.      5.69      0.75     -0.35     -0.73     -2.64      0.69   535.00
 540.      2.29      3.93     -2.72      1.55     -4.04      0.64   540.00
 545.      6.02      0.29      0.67     -1.26     -2.10      0.57   545.00
 550.      4.17      1.92     -1.39      0.55     -1.80      0.54   550.00
 555.      4.64      1.77     -1.07      0.84     -1.40      0.52   555.00
 560.      5.62      0.13      1.95     -1.45     -0.93      0.44   560.00
 565.      4.23      0.27      1.05     -1.74     -2.46      0.38   565.00
 570.      2.88      1.65      0.17     -1.07     -0.08      0.31   570.00
 575.      3.55      1.52     -0.73     -1.85     -2.38      0.33   575.00
 580.      2.95      0.65      0.58     -1.40     -0.21      0.30   580.00
 585.      1.31      2.98     -1.75      1.16     -1.75      0.25   585.00
 590.      4.57      0.02      0.08     -0.55     -2.45      0.25   590.00
 595.      4.92     -0.02     -0.31     -1.40     -3.97      0.25   595.00
 600.      3.94     -0.32      1.22     -1.71      0.67      0.25   600.00
 605.      3.36      0.89      0.66     -0.91     -1.08      0.20   605.00
 610.      3.79      0.53      0.92     -1.35      0.68      0.19   610.00
 615.      3.15      1.44     -0.70     -0.95     -2.46      0.19   615.00
 620.      1.86      1.00     -0.52      0.46     -0.43      0.16   620.00
 625.      4.59     -0.40      1.18     -1.92     -1.52      0.16   625.00
 630.      3.34      1.00     -0.43     -0.97     -1.81      0.12   630.00
 635.      2.90      1.71     -0.54     -1.39     -0.30      0.12   635.00
 640.      3.19      0.54      0.32     -0.78     -3.48      0.11   640.00
 645.      3.08      1.38     -1.08     -0.79     -1.14      0.08   645.00
 650.      5.04     -0.44      0.70     -1.56     -1.43      0.06   650.00
 655.      3.18      1.52     -0.07     -0.21     -1.22      0.06   655.00
 660.      4.91     -0.76      0.36     -1.50      0.58      0.05   660.00
 665.      2.91      1.21     -0.84     -0.43     -0.30      0.04   665.00
 670.      0.00      3.51     -0.50     -0.38      1.64      0.02   670.00
 675.      2.62      1.21     -0.79      0.18      0.80      0.03   675.00
 680.      0.57      2.39     -1.11      0.07     -0.50      0.03   680.00
 685.      0.05      2.09      0.10     -1.45      1.38      0.02   685.00
 690.      3.00      0.95     -0.43     -0.56     -0.93      0.02   690.00
 695.      3.41     -0.65      1.56     -1.22      0.16      0.01   695.00
 700.      1.22      2.46     -1.49     -0.62     -0.19      0.01   700.00
 705.      2.46      0.54     -0.65     -1.13     -1.62      0.00   705.00
 710.      3.65     -0.14      0.28     -0.59     -0.55      0.00   710.00
 715.      4.13     -0.74      1.05     -1.72     -0.90      0.00   715.00
 720.      1.21      1.39     -0.16     -1.14     -0.95      0.00   720.00
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PRC18-P-3-1/2
TIME        42       43       44       45       46       47       48
 725.      1.96     2.10    -1.13    -0.44    -1.56     0.00   725.00
 730.      3.77    -0.93     1.83    -2.96    -0.09     0.00   730.00
 735.      2.91     0.05     0.90    -1.46    -0.58     0.00   735.00
 740.      0.14     2.34    -0.91    -0.42    -0.06     0.00   740.00
 745.      3.79    -1.20     0.80    -0.84    -2.56     0.00   745.00
 750.      2.32     0.05    -0.08     0.52    -1.95     0.00   750.00
 755.      1.79     1.59    -0.21    -0.84    -1.30     0.00   755.00
 760.      1.70     1.03    -0.03    -0.49    -0.52     0.00   760.00
 765.      1.60     1.02     0.40    -0.54    -1.75     0.00   765.00
 770.      1.47     1.61    -0.95     0.57    -1.46     0.00   770.00
 775.      2.13     0.53     0.48    -0.68    -0.72     0.00   775.00
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PRC13-W-2-1/4                                                                          PAGE     1

TIME        0        1        2        3        4        5        6        7        8        9       10       11       12       13
   0.    25.95    25.52    23.57    23.70    24.05    22.72    22.55    25.92    25.97    25.92    25.82    25.85    26.07    25.75
   0.    25.80    23.67    23.72    23.72    23.02    22.12    22.67    25.88    26.00    25.90    25.90    25.85    25.97    25.72
   0.    25.85    24.30    24.47    23.80    23.50    22.42    22.40    25.90    25.90    25.88    25.80    25.82    25.97    25.70
   0.    25.77    25.32    24.52    23.85    24.35    22.22    22.32    25.82    25.92    25.88    25.92    25.80    25.97    25.85
   0.    25.47    25.65    24.57    24.10    23.95    22.25    22.40    25.92    25.97    25.92    25.85    25.77    25.97    25.75
   0.    25.82    25.42    24.92    24.22    22.75    22.38    22.65    25.90    26.00    25.85    25.82    25.72    26.02    25.72
   5.    25.85    25.82    25.35    24.15    24.55    21.85    21.77    26.88    29.32    27.85    26.63    26.13    25.88    25.90
  10.    28.60    33.00    32.68    24.20    24.13    22.38    22.35    27.63    31.54    29.66    28.67    29.27    29.67    29.63
  15.    36.37    35.61    31.24    23.80    22.90    22.90    22.75    27.92    35.17    34.41    35.15    35.15    32.80    30.80
  20.    37.49    37.66    29.92    23.57    22.80    22.90    23.00    28.10    38.17    35.41    35.80    36.46    35.12    35.54
  25.    38.24    36.80    26.42    23.57    23.22    22.90    22.82    28.35    39.93    38.76    37.29    37.83    36.93    36.60
  30.    39.71    37.22    29.00    23.37    23.50    22.63    22.05    28.75    41.10    38.44    38.15    39.07    38.54    37.37
  35.    40.15    40.10    29.77    23.30    23.57    22.27    21.65    28.97    42.24    39.41    39.76    40.34    39.51    37.34
  40.    43.73    43.12    31.61    23.27    23.45    21.88    21.80    29.10    43.19    39.93    40.41    41.34    40.17    38.80
  45.    46.37    41.29    25.50    23.10    23.07    22.10    21.82    29.47    46.61    42.68    43.05    43.90    42.68    41.00
  50.    49.85    44.71    34.15    22.75    22.17    21.97    22.40    29.32    49.22    44.37    44.61    44.93    44.12    44.76
  55.    51.85    41.80    38.76    22.65    22.45    22.32    22.52    29.37    51.93    46.78    48.10    48.98    47.90    47.29
  60.    58.24    51.29    36.00    22.65    22.90    22.25    22.45    30.34    53.98    48.78    50.19    51.66    50.15    51.63
  65.    59.29    48.10    38.05    22.65    22.90    21.82    21.92    31.27    57.88    53.15    54.83    56.15    54.76    55.73
  70.    72.19    54.10    39.24    23.40    21.67    21.82    21.77    32.29    62.90    57.85    58.62    60.26    58.33    58.93
  75.    77.69    61.38    42.90    22.90    22.47    22.15    22.15    32.90    67.83    62.38    65.17    65.02    63.90    64.05
  80.    84.62    64.76    49.90    23.20    22.30    22.60    22.25    35.39    75.56    71.90    73.66    75.93    74.22    77.19
  85.    93.83    79.29    41.71    22.85    22.40    22.50    21.88    36.29    85.17    81.48    83.64    85.29    83.26    83.14
  90.   114.85    89.38    57.00    23.10    22.50    21.85    21.85    39.27   102.05    88.31    91.62    97.50    93.79    94.31
  95.   114.51   109.63    60.62    22.97    22.55    21.88    21.95    42.46   116.22   106.90   107.85   110.44   108.27   109.90
 100.   155.07   119.24    62.50    22.70    22.45    21.85    21.82    45.46   129.39   122.93   120.73   126.34   125.54   123.07
 105.   174.92   123.63    87.43    23.57    22.32    21.67    21.63    51.49   162.47   149.27   152.20   153.92   147.63   146.55
 110.   198.15   171.17   104.19    26.20    22.67    21.90    21.82    58.69   194.95   179.45   191.22   186.70   175.17   170.07
 115.   219.32   180.13   106.56    33.97    22.85    22.15    22.10    65.50   207.98   188.27   197.50   200.00   201.83   201.56
 120.   229.37   195.35    57.49    23.57    22.57    22.45    22.57    76.61   252.00   232.97   235.15   238.24   232.38   216.22
 125.   248.78   230.02   111.78    23.37    22.60    22.57    22.50    85.12   267.70   256.15   268.19   259.05   241.07   235.63
 130.   278.07   236.83    88.95    23.13    22.55    22.17    22.25   102.02   296.34   270.49   276.19   281.76   262.90   253.90
 135.   292.90   263.24   124.83    23.15    22.67    21.82    21.97   106.95   293.81   282.19   293.19   291.00   278.95   262.90
 140.   314.63   282.73   170.32    23.17    22.75    21.77    21.80   110.07   315.49   292.36   304.93   305.39   295.93   296.29
 145.   287.22   262.02   145.63    23.25    22.02    21.97    21.97   120.19   322.76   296.32   293.83   311.76   294.17   294.10
 150.   302.44   272.12   100.29    23.50    23.22    22.10    21.85   133.88   325.00   314.49   314.71   317.76   291.12   288.71
 155.   294.12   285.19    86.95    23.63    23.00    21.82    21.72   135.63   323.33   318.05   310.57   317.37   309.44   309.22
 160.   288.51   280.76   171.70    23.35    22.12    21.80    21.77   144.32   342.79   315.54   315.00   322.19   317.44   293.33
 165.   312.36   282.83   119.76    23.47    22.67    21.97    21.90   147.57   340.58   314.61   311.86   317.33   313.90   308.88
 170.   311.44   288.95   127.93    23.67    23.25    21.90    21.80   154.10   346.73   313.48   322.26   325.29   316.29   293.83
 175.   306.61   286.15   150.02    23.63    23.13    22.02    22.00   164.50   351.36   323.93   325.43   322.79   309.00   291.67
 180.   306.58   287.88   149.60    23.67    23.25    21.80    22.07   168.10   340.74   320.55   321.02   325.31   317.22   312.17
 185.   318.76   288.76   141.97    23.87    23.25    22.17    22.05   160.47   350.71   327.00   328.55   324.52   310.88   314.17
 190.   316.54   295.10   111.37    24.10    22.17    22.02    22.05   170.63   341.62   319.21   349.58   346.54   313.43   313.67
 195.   317.68   283.58   140.77    24.00    23.05    22.12    22.25   174.67   342.14   321.31   342.46   339.73   315.31   311.29
 200.   316.15   290.68    95.36    23.70    23.55    22.22    22.17   177.10   345.24   314.31   322.26   316.98   314.15   312.51
 205.   316.29   290.78   152.13    23.50    22.32    21.77    22.02   179.02   339.83   315.74   339.02   342.44   318.40   317.17
 210.   309.85   283.95   110.34    23.65    22.12    22.42    21.90   184.88   342.52   313.52   322.33   319.69   315.24   301.88
 215.   312.34   285.24   142.30    23.52    22.95    22.30    21.72   185.02   342.00   315.26   323.48   328.38   310.64   315.78
 220.   311.76   290.05   148.95    23.70    23.27    21.97    21.88   184.77   342.78   317.62   325.31   324.90   312.95   317.22
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TIME      0        1        2        3        4        5        6        7        8        9        10       11       12       13
 225.   315.68   289.02   136.97   23.60    22.70    21.95    21.80   184.22   323.48   317.39   315.93   315.67   312.02   309.60
 230.   314.09   294.80   160.65   23.82    22.47    22.05    22.30   184.60   328.93   321.52   323.95   323.74   315.93   316.22
 235.   312.73   292.86   118.51   23.57    22.85    22.20    22.07   188.52   340.49   323.59   324.14   324.67   313.60   306.56
 240.   312.54   292.15   140.35   24.25    24.15    21.95    21.72   189.38   346.19   320.02   322.07   318.00   314.27   308.02
 245.   304.54   293.90   161.32   24.00    22.77    21.88    21.80   187.88   341.62   317.90   327.29   329.43   317.17   311.63
 250.   305.29   291.88   145.20   23.47    22.88    21.97    22.00   191.82   325.64   317.00   322.03   324.86   311.85   311.15
 255.   309.56   294.37   138.17   23.40    23.27    22.17    22.17   194.15   324.19   318.52   318.00   322.67   317.19   313.00
 260.   297.39   294.49   164.17   23.45    22.07    21.67    21.60   192.15   340.46   321.52   325.95   323.59   314.74   310.74
 265.   311.63   294.95   188.42   23.65    22.77    21.90    22.20   192.82   342.17   316.19   321.17   324.26   310.83   311.34
 270.   290.88   272.68   134.60   23.80    24.07    22.22    22.47   197.35   313.12   312.61   315.41   312.81   309.76   308.54
 275.   303.02   291.78   137.05   24.25    23.82    22.10    22.30   194.65   341.27   318.26   321.09   323.24   317.50   309.27
 280.   301.51   291.37   142.35   23.87    22.88    22.35    21.90   197.80   341.51   317.12   324.00   329.52   313.14   309.60
 285.   311.12   286.44   133.47   23.72    22.50    22.00    21.95   200.52   340.44   315.02   314.08   317.45   312.39   302.24
 290.   314.29   291.17   145.22   24.10    22.80    22.45    22.17   198.47   339.93   318.02   318.71   317.29   309.19   307.19
 295.   302.73   284.07   172.42   23.80    22.55    22.30    22.00   202.05   322.71   310.50   317.24   318.31   309.61   304.63
 300.   291.79   288.39    97.50   24.00    22.60    21.85    21.88   203.22   324.69   311.88   314.55   310.57   310.27   304.71
 305.   289.95   286.29   181.90   24.50    22.57    22.57    22.65   201.92   317.22   312.24   313.10   315.66   306.60   305.34
 310.   291.98   287.39    94.95   24.38    22.75    22.15    22.20   202.77   313.67   315.32   313.50   314.49   310.24   306.10
 315.   304.51   279.15    90.52   24.83    23.85    22.57    22.47   202.50   316.50   306.68   312.05   314.56   305.02   309.10
 320.   292.05   281.19   147.60   24.92    24.50    22.65    22.02   201.32   316.07   308.27   313.07   311.76   308.05   291.71
 325.   306.00   287.27   107.34   24.75    24.25    22.67    21.97   202.25   317.52   309.68   312.12   312.76   306.68   301.63
 330.   294.17   276.80    79.02   24.70    23.30    22.35    22.20   201.39   325.29   312.19   313.49   310.57   303.73   295.41
 335.   302.17   284.98   126.24   24.17    22.70    22.30    21.85   202.61   326.21   310.93   316.71   317.63   302.61   304.39
 340.   291.45   286.76   145.88   24.20    23.50    22.12    21.82   201.15   315.08   311.85   313.07   316.95   303.90   292.40
 345.   293.51   278.90    88.26   24.27    22.97    22.90    22.00   199.88   315.88   307.56   311.10   311.88   305.12   302.61
 350.   293.98   280.66   152.95   24.15    22.60    22.85    22.17   199.61   322.19   317.19   314.09   314.14   305.66   291.65
 355.   292.26   276.88   137.90   24.25    22.90    22.27    22.20   200.29   323.93   312.93   315.80   315.29   297.44   295.07
 360.   288.71   280.27   128.63   24.05    23.47    22.22    22.20   201.98   321.50   315.51   317.54   317.58   307.10   302.80
 365.   289.12   282.41   101.73   24.47    23.37    22.52    22.15   204.54   318.45   309.37   314.98   316.54   309.29   311.95
 370.   303.15   292.29   122.68   24.27    23.60    22.27    22.00   200.54   311.19   311.85   310.57   311.79   307.22   307.54
 375.   295.46   286.44    79.90   24.27    23.95    22.25    22.07   201.90   319.24   313.83   315.73   317.54   294.19   295.90
 380.   297.63   268.95   108.15   24.35    24.02    22.10    21.95   201.51   320.17   309.19   310.50   316.58   291.95   290.95
 385.   305.49   285.51   152.07   24.70    24.10    22.50    22.10   201.44   311.36   306.78   308.19   310.19   303.00   301.90
 390.   295.54   288.76   124.51   25.05    23.27    22.02    21.80   203.76   314.04   306.93   311.46   313.43   313.60   311.32
 395.   293.48   283.76   118.17   24.65    23.65    22.05    22.15   204.68   322.98   315.51   311.69   313.24   309.44   302.80
 400.   293.57   283.37   112.32   24.05    23.45    22.02    21.82   205.10   319.57   312.24   317.05   316.17   308.10   292.62
 405.   290.95   282.29   135.52   24.20    22.57    21.85    21.70   206.22   315.12   303.93   305.95   309.70   305.22   309.71
 410.   296.95   287.85   105.22   24.25    23.63    22.32    22.12   207.05   311.10   307.32   315.29   317.22   312.44   310.80
 415.   293.73   283.68   136.72   24.40    24.13    21.99    22.10   206.44   319.18   316.93   314.60   314.50   309.00   304.15
 420.   297.78   286.02   151.63   24.30    23.67    22.12    21.95   214.10   315.05   314.39   312.38   316.66   304.46   305.19
 425.   294.90   281.17   148.00   24.38    23.25    22.22    22.27   207.10   315.21   310.07   313.00   315.73   304.22   306.90
 430.   296.73   280.39   124.88   24.50    23.72    22.17    22.30   215.22   312.09   310.37   316.12   313.62   314.22   313.02
 435.   292.24   288.34   171.27   24.80    23.07    22.55    22.40   216.17   315.57   315.61   315.80   316.05   306.56   304.93
 440.   292.95   283.78   170.60   24.35    23.27    22.82    22.32   215.50   316.11   312.32   317.10   313.43   305.61   308.63
 445.   288.73   286.76   140.70   24.10    23.63    22.55    22.00   214.22   315.16   316.27   313.31   316.17   308.34   296.05
 450.   290.68   279.68   159.50   24.27    24.13    22.50    22.30   214.72   317.95   311.59   312.93   314.12   307.58   293.62
 455.   293.63   282.54   140.22   24.25    22.82    22.77    22.12   208.29   317.24   309.27   311.76   317.78   309.58   309.85
 460.   308.34   286.56   110.78   24.17    23.52    22.12    21.80   215.27   320.02   311.44   317.54   310.86   316.07   306.76
 465.   293.67   283.71   125.73   24.75    24.85    22.17    22.12   216.20   326.17   312.90   311.52   312.12   309.90   305.66
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PRC13-W-2-1/4                                                     PAGE     3

TIME       0        1        2        3        4        5        6        7        8        9       10       11       12       13
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 485.   293.76   289.46   170.57    24.75    23.60    22.60    22.77   219.17   317.95   307.32   310.57   318.64   310.56   310.34
 490.   303.68   288.51   172.10    24.92    24.27    22.27    22.22   220.87   316.78   313.05   311.02   311.71   314.78   309.37
 495.   294.12   291.73   174.72    24.22    22.95    22.35    22.15   220.20   318.71   310.22   316.19   313.26   315.68   309.34
 500.   305.12   290.58   180.02    24.38    23.60    22.07    22.32   222.38   322.06   317.85   312.50   310.38   311.93   304.73
 505.   297.10   292.24   159.42    24.55    23.27    22.02    22.12   223.45   319.40   315.66   312.05   315.45   313.39   307.19
 510.   292.29   282.73   160.72    24.72    24.38    22.07    22.25   225.17   318.19   311.32   311.71   313.21   312.98   310.27
 515.   292.36   294.56   227.32    24.30    22.82    22.45    22.12   223.67   315.69   314.90   313.80   316.10   308.15   307.93
 520.   291.90   285.07   171.15    24.75    23.35    21.92    22.12   222.77   316.66   313.00   317.34   317.00   313.37   307.51
 525.   291.02   286.76   175.57    25.30    24.10    22.22    22.15   222.85   322.76   306.63   316.34   313.43   309.76   312.58
 530.   292.33   289.73   175.95    24.52    22.95    22.47    22.63   223.15   312.08   315.17   312.43   315.73   305.90   308.63
 535.   314.27   290.07   148.05    24.88    24.42    22.65    22.57   223.85   319.59   311.66   317.41   310.98   312.80   314.56
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 545.   297.17   291.22   163.50    24.10    23.52    22.25    22.22   223.60   315.52   313.85   315.50   319.09   314.05   315.49
 550.   295.85   290.07   144.27    24.15    23.02    21.88    22.20   225.57   313.90   308.46   314.29   317.00   311.02   312.10
 555.   296.29   284.90   172.60    24.32    24.15    22.30    21.95   223.45   316.00   307.02   313.98   312.14   312.54   313.98
 560.   293.45   286.32   146.25    24.57    24.75    22.10    22.05   223.45   314.73   314.85   316.85   311.00   309.51   308.49
 565.   295.22   287.22   142.15    24.60    23.72    22.25    22.07   226.57   311.76   312.22   312.74   311.62   305.90   291.81
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 575.   291.76   281.49   121.27    23.75    23.27    22.20    22.07   223.12   315.63   305.73   310.41   312.00   292.14   297.49
 580.   296.37   284.56   125.17    23.00    22.88    21.97    22.02   222.92   312.90   311.27   315.00   313.00   303.58   301.66
 585.   293.39   286.78   150.05    23.70    22.47    21.97    21.90   222.22   314.76   308.34   310.51   312.85   304.90   304.56
 590.   287.80   279.95   146.80    24.60    24.25    22.00    21.80   222.85   312.19   304.29   303.83   304.73   293.12   301.71
 595.   286.58   277.54   201.07    25.38    22.57    21.85    22.00   224.47   306.95   301.49   310.68   311.27   291.17   293.78
 600.   281.44   279.39   159.05    24.72    23.77    23.02    22.88   223.20   308.90   291.00   302.02   305.88   293.43   293.05
 605.   291.19   273.78   133.90    25.42    25.00    23.50    22.80   221.77   306.17   294.10   292.59   293.98   296.27   294.14
 610.   287.46   273.95   126.32    25.45    23.97    22.22    22.42   222.35   311.90   291.61   292.19   293.98   290.29   292.41
 615.   278.58   275.76   161.42    24.92    23.55    22.05    22.20   222.00   302.29   296.29   292.48   291.48   290.78   293.49
 620.   282.61   268.17   170.45    24.30    23.42    22.17    22.10   219.45   301.73   289.93   295.12   291.17   287.63   288.05
 625.   281.22   273.10   121.56    24.97    24.30    21.97    22.02   221.67   291.57   290.37   297.51   292.02   288.66   287.83
 630.   280.73   271.83   138.35    25.30    24.17    21.95    22.20   220.02   294.00   293.56   291.07   302.51   290.80   286.83
 635.   285.76   273.66   154.70    25.42    24.07    22.07    22.05   220.07   297.46   288.73   293.54   295.63   291.02   292.51
 640.   272.19   260.07   144.70    25.35    24.02    22.00    22.22   217.72   288.15   285.54   287.24   289.05   281.02   284.32
 645.   277.41   266.66   108.37    25.75    25.13    22.25    22.25   217.32   290.71   286.29   290.63   292.90   285.98   292.05
 650.   266.71   260.24   154.25    25.25    23.97    22.50    22.49   215.22   292.73   282.98   285.37   288.56   283.49   279.66
 655.   269.66   262.80   104.95    24.47    23.37    22.30    22.57   214.70   286.44   277.85   281.07   282.37   278.66   283.12
 660.   264.51   260.49    84.14    24.30    22.57    22.22    22.45   214.15   278.85   278.34   278.05   277.66   271.73   273.73
 665.   270.15   259.98   116.73    24.60    23.75    22.17    22.45   206.51   277.22   271.32   277.41   276.00   265.76   268.15
 670.   260.56   255.85   159.38    24.80    22.80    22.20    22.40   205.73   274.65   270.93   276.56   277.56   267.00   264.95
 675.   257.80   256.88   151.60    24.80    23.65    22.32    22.38   203.44   274.66   268.76   268.70   269.80   265.37   265.12
 680.   261.85   250.88   152.32    24.05    23.15    22.38    21.95   203.58   273.71   264.54   271.03   277.12   271.27   270.39
 685.   250.34   249.15   122.61    23.92    23.02    22.75    22.32   202.37   270.39   263.95   268.98   271.44   266.39   266.24
 690.   254.44   247.29    92.71    24.10    22.82    22.55    22.63   202.78   264.56   260.98   263.12   265.95   258.83   255.44
 695.   251.90   242.10   112.58    24.77    24.15    22.35    22.47   201.41   259.19   257.73   262.37   265.56   259.68   251.68
 700.   247.63   244.56   111.39    24.85    23.55    23.02    22.85   203.25   258.76   257.27   260.24   261.05   257.41   260.27
 705.   240.44   239.46    94.55    25.25    24.47    23.60    22.17   202.42   254.80   251.78   256.83   257.32   250.27   246.17
 710.   238.34   229.37   109.51    24.82    24.02    23.02    21.72   202.05   251.45   248.07   245.17   244.39   240.58   237.73
 715.   234.73   232.35    87.98    25.05    24.50    22.10    21.88   201.13   243.27   241.71   238.98   238.37   234.66   234.85
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 735.   226.95   222.02   145.02    25.05    22.80    22.32    22.25   195.07   233.49   228.05   231.58   231.73   232.30   228.02
 740.   226.20   224.17   114.17    25.07    23.95    22.88    22.10   193.63   228.27   232.85   231.47   231.67   226.20   224.05
 745.   218.30   214.65   157.92    24.52    22.67    22.07    22.02   192.67   231.60   229.63   228.95   227.92   224.02   223.82
 750.   219.90   207.41   120.98    23.97    23.25    22.05    22.10   190.57   228.67   225.22   224.45   225.15   221.75   221.22
 755.   217.52   205.63   116.83    24.45    23.72    22.12    22.25   188.67   222.02   219.57   220.20   219.38   217.35   216.15
 760.   200.02   203.05   109.19    24.17    23.17    22.30    22.22   186.92   219.90   218.17   220.47   218.63   208.29   208.65
 765.   204.83   204.46    81.09    24.07    22.25    22.00    22.20   185.47   220.00   217.90   215.85   215.17   206.27   206.07
 770.   201.73   202.10   112.98    23.97    22.05    21.92    22.15   184.38   216.17   207.51   207.49   207.05   203.85   203.56
 775.   202.32   199.49   100.10    24.02    22.25    22.52    22.02   183.17   207.50   205.15   204.85   203.61   202.34   201.61
 780.   198.93   200.22   101.07    23.63    22.70    22.60    22.07   182.67   205.66   203.56   201.56   201.49   199.95   200.02
 785.   200.10   197.80   110.88    23.77    23.20    22.20    21.90   181.00   201.95   200.41   200.29   200.71   199.19   202.92
 790.   199.52   195.50    97.50    24.85    23.02    21.85    21.82   180.15   199.37   203.07   202.35   201.75   200.15   199.30
 795.   198.35   191.37   102.29    24.80    23.17    22.02    22.10   179.45   203.07   202.45   201.13   200.27   199.17   198.77
 800.   194.55   191.77   105.02    24.35    24.07    21.97    21.80   178.10   199.25   198.85   198.52   197.70   196.25   197.50
 805.   191.85   187.97    91.67    24.05    24.40    22.17    22.05   176.55   197.05   196.00   196.02   194.65   192.50   193.67
 810.   189.80   182.60    90.76    24.38    23.49    22.05    22.12   175.42   195.27   194.42   193.63   193.32   191.67   192.67
 815.   186.00   185.67    59.12    24.17    23.85    22.07    22.20   174.57   193.12   191.65   191.02   190.47   189.32   190.60
 820.   186.40   180.92    62.69    23.60    23.25    22.22    22.17   173.10   190.20   190.45   189.40   188.97   189.17   189.65
 825.   184.15   182.77    84.64    23.63    23.00    22.05    21.92   171.57   187.32   186.65   186.02   185.85   186.45   186.83
 830.   182.65   179.47    53.56    23.90    23.70    21.97    21.90   170.75   187.15   186.07   184.02   184.10   183.22   182.22
 835.   180.38   176.57    78.14    24.42    24.15    21.97    22.02   169.95   184.42   183.97   183.75   183.10   181.60   180.95
 840.   179.35   172.70    78.59    24.55    24.27    22.75    21.89   169.13   182.72   182.67   182.02   180.32   179.92   181.10
 845.   177.07   173.80    55.22    24.75    24.00    22.27    22.35   168.22   181.57   179.57   178.80   178.15   178.32   179.17
 850.   175.10   172.77    39.08    24.72    24.07    22.55    22.52   166.92   179.90   179.07   178.97   177.75   178.60   178.22
 855.   174.42   173.52    57.24    24.17    23.72    22.70    22.70   166.07   178.87   177.62   177.75   177.47   177.80   177.22
 860.   174.35   167.02    55.98    23.77    22.95    21.97    21.82   165.20   177.67   176.65   176.08   176.95   176.50   175.55
 865.   173.17   168.80    78.88    23.57    22.82    22.15    22.00   164.22   175.87   175.15   175.70   175.42   175.72   174.80
 870.   171.52   168.02    72.15    23.77    23.07    22.25    22.15   163.32   173.95   173.20   173.07   173.10   172.62   171.75
 875.   169.52   167.38    56.00    23.95    24.32    22.63    22.17   162.55   172.00   171.65   171.65   171.50   171.55   171.63
 880.   168.17   163.42    58.17    24.47    24.80    22.52    22.38   161.95   171.10   170.22   170.50   170.77   171.20   171.10
 885.   167.02   165.12    66.26    24.77    24.75    22.20    22.20   161.22   170.67   169.62   169.55   169.97   170.30   170.75
 890.   166.20   166.65    66.19    24.88    23.87    22.32    22.30   160.67   169.35   168.42   168.10   168.57   169.10   169.50
 895.   165.47   162.50    42.83    24.77    24.57    23.07    22.27   159.85   168.45   167.82   167.20   167.07   167.30   167.35
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TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
0.	25.52	25.50	25.30	24.90	25.70	25.22	24.40	24.05	24.45	25.67	25.42	23.92	23.90	23.37
0.	25.67	25.38	25.17	24.85	25.60	25.17	24.25	24.07	24.57	25.65	25.47	23.82	23.75	23.40
0.	25.60	25.32	25.17	24.80	25.50	25.13	24.20	24.05	24.63	25.67	25.45	23.72	23.67	23.37
0.	25.45	25.30	25.07	24.82	25.57	25.10	24.15	23.97	24.45	25.75	25.47	24.15	23.85	23.42
0.	25.35	25.20	24.95	24.95	25.22	25.22	24.22	23.97	24.13	25.82	25.47	23.92	23.47	23.40
0.	25.20	25.13	25.02	25.00	25.10	25.20	24.22	23.90	24.00	25.75	25.47	23.85	23.63	23.45
5.	25.85	25.85	25.75	25.70	25.35	25.72	24.40	24.42	24.42	26.40	26.70	24.13	23.87	23.30
10.	29.83	29.75	28.82	27.32	26.85	26.75	24.67	24.42	24.65	26.65	27.10	24.15	24.15	23.35
15.	31.29	31.44	30.46	29.62	27.17	26.57	24.75	24.27	25.00	26.70	27.49	24.42	24.32	23.45
20.	34.90	32.88	31.19	29.70	26.82	25.60	24.80	24.20	24.80	26.85	27.63	24.05	24.10	23.50
25.	37.39	35.76	34.68	30.80	26.65	26.50	25.30	24.40	24.52	26.92	28.13	24.40	23.90	23.57
30.	37.37	37.73	36.54	30.00	26.75	26.88	25.67	24.60	24.35	27.05	28.47	24.50	23.85	23.57
35.	38.17	37.93	36.02	31.61	29.76	29.25	25.25	24.75	24.50	27.17	28.82	24.15	24.13	23.57
40.	39.85	38.80	38.37	34.58	30.10	29.00	25.82	24.63	24.55	27.30	29.00	23.97	24.50	23.63
45.	40.93	39.17	38.90	35.29	30.60	28.35	25.72	24.80	24.63	27.40	29.50	24.42	24.45	23.72
50.	45.12	43.85	42.15	36.34	32.83	28.82	25.82	24.82	24.55	27.60	29.46	24.38	24.30	23.72
55.	47.58	47.61	46.07	39.49	31.07	28.55	25.95	24.92	24.77	27.60	29.37	24.02	24.35	23.77
60.	51.46	48.51	47.37	42.44	32.10	29.30	26.55	24.95	25.30	27.97	30.73	24.88	24.70	23.87
65.	56.10	54.58	51.41	46.17	34.66	30.00	27.05	25.20	25.30	28.35	31.61	24.67	24.42	23.82
70.	56.85	57.17	55.54	49.98	35.32	30.49	27.50	25.82	25.22	28.77	33.39	24.90	24.85	23.82
75.	61.86	59.57	59.52	54.80	39.15	32.29	29.02	27.00	25.42	29.50	35.10	25.27	25.20	23.90
80.	74.90	67.12	61.88	53.93	41.39	33.66	28.90	26.95	25.70	29.78	36.66	25.50	25.42	24.00
85.	82.59	78.63	73.90	51.76	42.71	36.00	29.97	27.17	26.32	31.02	39.00	25.65	25.70	24.13
90.	95.24	89.59	81.90	55.37	43.93	38.22	29.98	27.20	26.45	32.71	42.17	26.20	25.85	24.38
95.	110.85	101.51	86.45	57.95	40.68	40.03	31.32	28.05	27.27	33.93	44.63	26.63	26.30	24.60
100.	117.88	110.22	102.80	72.05	50.83	41.34	31.41	27.97	27.75	36.15	52.27	27.10	26.65	24.85
105.	144.12	135.20	108.90	82.12	58.69	44.88	32.85	28.32	28.60	38.00	56.05	27.90	28.02	25.15
110.	163.35	149.82	138.92	88.62	55.44	49.41	34.80	29.50	29.10	42.49	60.19	27.30	27.57	25.25
115.	195.47	176.20	162.20	112.88	58.90	52.27	35.61	30.83	30.15	47.32	74.83	29.62	29.82	25.55
120.	197.67	183.13	161.35	113.46	70.98	55.76	39.41	31.29	31.10	51.80	81.69	29.70	29.41	26.02
125.	229.37	224.02	204.58	139.77	63.88	59.93	40.85	32.66	32.15	58.63	87.43	29.73	30.68	26.57
130.	235.34	218.55	191.60	139.38	69.76	60.36	42.90	34.34	33.49	62.74	95.71	31.37	31.37	27.10
135.	262.39	235.39	200.05	137.60	67.21	63.90	42.70	34.80	34.56	70.54	106.24	31.63	31.66	27.70
140.	276.76	255.95	226.67	124.46	66.33	67.69	42.63	35.71	35.98	76.05	113.66	33.58	33.44	28.37
145.	264.05	241.88	221.42	147.40	73.37	72.46	44.32	37.32	37.63	79.79	120.07	33.85	33.80	29.07
150.	276.49	237.76	206.85	151.22	72.34	77.39	41.37	38.39	38.15	83.55	122.80	34.15	34.09	29.77
155.	280.32	257.17	226.02	154.65	77.90	79.22	45.85	40.46	38.03	87.81	128.68	35.51	35.95	29.70
160.	275.15	251.37	225.57	148.65	78.32	79.98	49.56	41.58	40.44	90.12	136.47	37.05	37.19	30.37
165.	296.19	265.00	234.15	153.57	79.24	78.81	53.76	39.95	41.93	94.17	142.65	37.22	37.10	30.70
170.	289.66	262.54	224.52	159.82	86.50	83.12	53.76	41.88	40.51	95.83	145.65	38.46	37.83	31.44
175.	284.22	266.58	229.39	154.85	89.14	85.26	55.24	44.05	41.22	102.05	149.88	37.98	37.51	32.02
180.	290.32	271.66	232.49	159.60	90.52	88.79	54.98	42.63	44.17	105.51	151.72	39.02	37.56	32.63
185.	291.66	266.61	230.88	160.97	85.81	88.05	55.95	46.15	43.93	108.17	153.20	39.65	38.10	33.07
190.	302.71	273.07	231.85	158.27	90.26	88.29	55.76	46.90	44.63	109.37	157.60	41.95	41.71	33.56
195.	291.74	282.32	259.76	151.30	89.93	85.36	56.88	47.03	43.27	113.19	160.77	40.05	39.07	34.22
200.	289.73	258.85	231.42	156.35	91.86	86.93	60.59	45.15	44.76	110.54	161.50	40.56	40.12	34.58
205.	290.19	275:41	236.12	144.95	85.57	90.36	58.43	48.24	43.49	109.76	163.52	41.34	41.76	34.90
210.	280.54	269.27	245.39	159.88	81.71	88.38	59.24	47.58	46.34	110.39	166.65	42.98	43.44	35.54
215.	291.31	261.22	230.54	159.27	82.88	90.31	61.21	48.85	45.98	110.95	167.60	43.17	43.88	35.95
220.	292.36	281.27	249.76	155.90	91.69	9 .09	62.09	49.88	45.41	111.98	169.77	41.73	41.61	36.45

TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
225.	293.02	279.39	246.90	169.95	95.67	93.81	63.21	45.37	47.17	115.34	170.57	44.05	43.12	36.58
230.	294.58	276.93	240.78	175.15	101.12	92.48	62.50	48.07	46.80	115.63	172.30	42.32	43.07	37.00
235.	290.90	262.22	229.58	159.67	101.07	91.86	59.24	49.34	47.99	117.44	175.05	43.05	43.02	37.39
240.	295.29	265.80	240.34	167.75	94.05	93.31	59.07	50.44	48.12	116.12	177.02	43.56	43.34	37.63
245.	297.51	272.49	236.22	158.90	96.02	95.01	61.40	53.56	50.60	119.00	174.35	47.37	45.00	37.90
250.	290.15	261.85	229.90	163.32	89.69	96.36	65.76	51.56	50.85	117.76	176.92	44.44	44.63	38.49
255.	296.34	270.46	256.32	165.30	86.59	97.12	65.31	51.05	50.49	120.95	180.17	45.19	45.56	38.76
260.	293.50	270.95	233.22	164.85	88.45	97.62	65.62	51.29	51.95	122.73	182.77	47.00	44.90	38.85
265.	293.76	277.41	254.37	154.02	89.90	92.09	61.95	52.61	49.70	118.58	181.67	45.07	45.56	39.37
270.	297.46	280.61	232.51	160.55	101.22	92.95	60.05	53.50	49.70	118.58	181.80	46.05	44.85	39.49
275.	293.43	285.44	240.34	159.77	102.39	105.68	63.21	47.63	48.10	120.61	181.52	45.00	43.90	39.54
280.	292.78	270.41	231.46	170.05	102.05	101.39	65.21	47.90	50.32	120.73	184.77	46.03	45.68	39.83
285.	289.90	268.95	231.52	161.13	91.48	95.48	63.02	52.58	51.05	122.10	186.00	46.39	45.54	39.95
290.	292.07	272.85	233.83	157.92	95.83	95.09	65.02	54.12	50.32	124.80	187.07	46.56	46.98	40.22
295.	285.34	264.58	230.32	152.45	100.07	101.56	71.17	54.12	52.34	124.71	187.63	46.22	44.95	40.71
300.	284.66	265.12	229.78	158.07	107.39	91.38	63.29	55.76	52.46	125.66	185.32	50.58	48.85	40.80
305.	292.34	269.83	227.88	156.20	112.22	92.21	63.86	51.32	51.95	125.41	187.67	46.56	45.51	41.10
310.	290.68	285.83	259.71	163.47	105.17	89.45	64.59	56.76	52.41	124.61	186.00	47.10	46.24	41.15
315.	297.05	270.46	244.76	165.17	102.37	94.93	64.17	55.34	52.05	125.93	189.07	49.32	47.15	41.07
320.	297.46	284.85	251.88	164.13	105.32	95.64	65.79	54.56	52.70	127.05	190.05	46.10	45.83	41.07
325.	286.00	268.90	245.29	148.27	113.71	96.40	65.48	55.56	55.12	133.82	188.50	50.19	49.61	41.85
330.	279.22	267.76	246.39	170.32	105.76	94.76	66.19	56.29	55.22	126.83	188.67	47.76	48.29	41.29
335.	297.19	262.17	231.67	171.00	109.29	90.62	64.57	53:63	56.02	128.93	190.25	48.44	47.73	41.95
340.	292.88	267.44	247.93	167.85	103.44	90.59	61.38	56.37	54.51	127.88	192.20	48.02	47.00	42.22
345.	297.05	273.22	252.24	159.82	107.29	94.76	65.26	52.76	51.70	123.61	192.42	46.05	45.34	42.02
350.	284.63	262.61	235.58	156.05	111.00	10[illegible].56	64.48	51.27	52.95	125.90	190.63	45.27	46.85	41.85
355.	289.88	264.78	231.34	159.22	105.93	97.59	65.55	50.02	55.63	128.44	192.92	47.73	46.29	41.61
360.	287.07	266.44	230.49	168.15	105.02	101.12	70.41	57.32	57.85	129.12	193.80	47.66	50.00	41.76
365.	294.19	263.00	238.44	156.13	100.83	105.12	74.12	58.34	54.90	128.12	194.00	51.51	51.76	42.05
370.	295.54	269.98	236.46	158.07	104.51	104.88	64.90	58.24	57.88	129.46	194.00	48.83	53.00	42.29
375.	284.83	263.78	234.34	170.57	94.90	102.98	65.40	55.56	55.66	135.02	194.32	49.58	50.15	42.54
380.	279.37	275.51	261.76	162.38	111.63	106.73	64.74	57.34	56.95	137.57	194.07	45.56	47.46	42.80
385.	288.61	278.44	259.49	167.70	115.66	96.52	64.29	57.86	58.80	134.80	193.70	51.19	51.12	43.12
390.	287.56	269.10	243.51	174.57	114.19	95.31	67.64	58.54	57.51	133.65	195.25	49.29	51.44	43.70
395.	280.49	258.12	234.93	169.45	114.58	97.31	71.41	59.02	59.15	138.25	196.70	50.19	50.12	43.68
400.	287.63	262.15	229.80	167.05	112.68	94.57	65.88	58.61	57.49	142.00	198.02	52.80	49.80	43.80
405.	290.32	276.29	249.88	161.52	111.85	97.19	69.56	57.49	56.39	143.63	198.52	49.93	49.41	44.56
410.	302.10	268.76	237.12	169.92	113.45	102.44	64.45	56.05	56.80	140.55	199.52	53.90	51.54	44.63
415.	284.93	266.17	245.61	177.12	115.78	100.08	65.07	55.39	56.73	136.47	199.13	50.12	51.90	44.85
420.	292.93	272.02	245.02	180.02	105.68	109.78	71.61	59.05	57.44	133.37	200.15	49.05	51.34	44.73
425.	294.15	271.54	255.95	169.35	117.22	106.95	67.81	61.69	58.34	136.67	200.50	52.10	51.49	44.90
430.	305.22	277.68	257.46	180.72	117.61	101.34	70.93	58.88	57.70	137.80	202.50	52.71	51.44	45.07
435.	306.22	283.00	248.88	177.52	115.95	105.37	73.76	58.45	57.19	135.95	202.55	51.19	50.27	45.17
440.	303.17	280.83	241.12	183.60	106.44	107.78	74.39	61.48	57.71	138.47	198.63	50.51	50.56	45.37
445.	284.12	275.71	249.39	168.47	112.73	111.39	70.41	59.52	59.40	141.85	201.82	54.32	54.85	45.60
450.	289.46	272.12	241.88	170.00	112.63	107.05	72.29	56.63	58.95	145.05	198.73	50.27	51.24	45.88
455.	292.85	274.66	251.83	179.82	114.85	107.00	76.54	59.93	58.32	138.70	201.41	53.88	52.07	46.02
460.	286.12	264.54	248.66	194.42	116.93	102.85	73.46	58.95	57.54	141.42	199.98	51.80	51.66	45.76
465.	295.93	271.07	251.83	186.00	121.12	106.68	73.78	57.66	58.00	142.30	200.54	54.66	51.00	45.49
470.	293.00	273.46	249.29	195.07	119.34	105.80	71.49	59.59	59.17	138.85	201.07	55.00	52.98	45.70

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TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
 475.   301.83   289.98   261.19   191.87   121.61   105.22    74.93    60.64    61.05   146.02   202.00    51.12    53.00    46.19
 480.   291.10   279.76   267.10   195.63   126.49   102.41    72.71    61.90    59.49   145.77   204.44    55.08    54.98    46.44
 485.   294.76   279.71   261.88   199.42   121.41   109.93    71.85    60.45    60.12   146.85   202.80    53.02    52.66    46.85
 490.   296.44   278.61   262.19   192.63   125.76   109.41    72.93    61.67    59.31   146.42   205.32    53.90    53.08    46.73
 495.   292.24   287.10   272.85   192.77   128.05   110.12    75.00    60.29    58.33   145.32   205.60    52.90    54.10    46.80
 500.   284.58   274.54   255.56   192.70   122.61   108.29    73.76    59.17    58.56   140.00   206.71    53.51    52.44    47.19
 505.   303.37   279.78   253.80   198.45   124.44   107.49    73.76    59.88    58.26   145.32   205.80    54.34    52.93    47.15
 510.   292.09   287.15   261.68   192.42   127.27   108.51    74.63    63.67    60.00   144.45   205.56    56.37    54.71    47.51
 515.   305.56   283.41   261.12   187.85   119.39   111.39    78.41    63.31    58.46   148.07   207.27    55.17    52.61    47.46
 520.   304.49   284.90   262.19   175.80   121.66   112.07    79.05    61.40    59.69   151.02   206.05    58.40    55.44    47.71
 525.   297.78   290.22   255.41   198.32   128.00   110.07    75.71    62.33    62.33   151.02   207.39    56.22    56.93    47.80
 530.   290.74   280.78   258.44   201.60   135.32   112.56    76.76    62.02    60.49   152.02   207.80    51.46    54.61    48.05
 535.   292.95   290.24   266.56   196.22   139.22   107.88    76.44    63.31    60.93   151.32   207.78    57.32    55.58    48.15
 540.   306.39   273.07   242.39   191.35   136.27   110.02    73.85    62.76    61.80   151.72   214.45    55.12    56.29    48.22
 545.   301.95   280.83   255.80   190.00   120.98   109.58    74.66    64.05    62.14   151.20   214.05    56.05    58.71    48.22
 550.   311.95   285.56   249.98   189.97   119.02   109.22    75.41    62.57    63.02   153.35   213.82    53.70    57.15    47.90
 555.   290.90   286.90   260.17   189.15   124.49   107.58    73.95    61.02    58.76   152.20   207.93    55.02    53.68    48.44
 560.   292.76   274.41   254.68   198.00   125.17   112.93    75.15    62.55    60.83   147.92   214.05    55.12    54.00    48.41
 565.   286.76   277.02   255.78   195.32   121.29   115.02    76.80    60.50    59.74   148.50   214.02    55.90    55.44    48.10
 570.   288.05   270.95   247.68   201.40   134.57   115.05    77.32    61.21    60.12   149.65   214.47    54.49    56.54    48.29
 575.   287.19   269.05   251.58   201.60   128.37   116.80    76.83    61.93    60.07   150.67   215.88    58.80    55.88    48.93
 580.   235.58   279.07   265.24   188.92   127.27   108.51    76.05    64.26    65.90   152.32   208.00    55.98    59.07    49.37
 585.   288.02   267.93   250.17   193.45   137.77   107.61    77.37    62.81    62.76   148.60   214.15    55.41    57.56    49.95
 590.   286.88   275.71   256.39   190.80   129.95   104.68    72.98    63.93    61.06   148.30   207.85    57.03    57.66    50.05
 595.   279.22   272.46   267.46   194.38   115.51   111.41    78.73    67.21    60.83   147.57   214.30    55.03    56.49    50.44
 600.   294.58   272.32   254.44   202.10   125.07   107.32    77.76    64.71    61.62   147.60   208.05    57.90    58.17    50.19
 605.   290.63   262.19   245.68   199.68   133.52   118.49    76.34    65.33    61.33   145.85   207.95    58.73    58.95    50.37
 610.   283.00   269.78   247.05   203.41   125.89   114.44    77.90    62.50    60.55   145.65   205.83    56.34    55.15    50.32
 615.   285.02   277.12   248.37   200.55   136.57   109.34    78.02    67.07    62.59   148.65   207.76    61.43    58.98    49.76
 620.   275.63   266.71   246.88   198.66   129.41   114.10    76.78    64.83    63.29   148.75   213.52    57.02    57.10    49.83
 625.   277.58   258.51   249.10   198.56   125.98   110.12    78.34    63.76    62.26   146.32   206.58    54.32    58.02    49.95
 630.   266.88   256.63   236.32   198.42   113.15   110.66    79.12    63.09    61.90   143.32   206.93    53.19    55.41    50.49
 635.   281.90   259.93   245.05   194.67   122.15   106.78    78.00    60.88    60.59   143.00   206.37    54.15    54.66    49.85
 640.   274.24   254.85   239.15   196.77   128.05   113.73    78.35    62.55    60.24   142.20   205.00    56.78    57.51    49.56
 645.   282.90   266.00   243.54   201.22   119.29   110.15    78.56    61.50    59.74   139.80   203.83    54.41    55.27    49.19
 650.   267.49   257.15   237.93   187.52   124.34   108.22    78.12    59.88    59.59   139.77   203.95    53.68    54.66    48.98
 655.   270.58   255.15   243.49   190.75   124.32   105.10    75.37    62.62    59.55   139.80   202.15    55.93    55.61    49.00
 660.   267.15   253.37   240.44   184.90   123.34   100.61    73.15    62.81    59.21   141.05   201.51    56.78    56.98    49.29
 665.   268.95   256.66   238.69   189.77   123.15   103.98    72.08    60.93    58.90   142.40   200.95    51.03    54.44    49.41
 670.   259.29   243.93   234.93   194.55   125.37   102.51    71.17    63.31    58.05   138.20   199.22    58.39    55.12    49.24
 675.   263.73   247.80   233.54   183.52   123.02    96.09    70.05    61.95    59.62   135.50   202.92    54.46    56.32    49.66
 680.   258.15   243.85   232.35   179.22   122.66   105.56    71.83    62.95    61.29   136.20   201.55    54.02    56.34    49.54
 685.   250.66   239.54   231.85   178.20   119.10   103.98    74.02    60.95    58.57   137.50   200.55    59.15    56.39    49.68
 690.   249.66   236.29   225.25   186.25   107.49   101.39    70.83    60.55    59.49   135.80   209.63    56.05    56.49    49.73
 695.   244.22   236.24   221.88   174.92   112.44    94.74    72.44    63.02    61.33   137.75   199.42    57.66    56.05    49.37
 700.   251.32   231.51   224.10   183.10   119.66    91.52    70.19    61.02    61.62   135.50   197.60    54.27    55.02    49.41
 705.   232.95   233.07   216.88   176.22   125.39    94.36    67.67    60.52    55.63   129.02   196.67    50.56    53.12    48.76
 710.   232.10   229.45   221.90   182.92   125.05    93.86    74.73    62.19    57.95   127.46   194.62    56.60    52.98    48.85
 715.   232.95   230.92   221.25   178.90   127.80    95.24    70.54    63.50    57.19   126.17   194.42    52.71    53.49    49.32
 720.   233.83   233.20   222.75   188.25   124.61    95.45    72.49    60.09    55.61   125.37   193.02    54.73    53.83    49.56
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TIME      14        15        16        17        18        19        20        21        22        23        24        25        26        27
 725.   232.24    222.05    217.22    182.77    134.80     93.29     72.69     62.67     57.00    123.39    189.65     57.10     54.00     49.56
 730.   230.72    223.07    214.42    188.65    117.17     93.02     72.78     62.33     58.00    124.37    189.25     52.32     52.05     49.56
 735.   222.32    215.60    203.22    181.32    119.29     90.09     74.24     64.59     59.12    124.76    188.05     52.00     53.02     49.22
 740.   223.07    217.47    203.34    187.88    110.49     91.45     73.10     62.17     58.69    122.98    186.92     55.85     54.61     49.29
 745.   224.88    220.87    201.63    177.45    120.51     90.90     72.46     62.14     58.08    122.73    185.55     55.03     57.10     49.05
 750.   220.65    216.10    201.65    170.45    117.71     90.24     70.76     62.67     58.69    120.51    184.10     57.15     56.73     49.39
 755.   215.52    202.71    200.60    174.52    111.90     92.38     71.98     59.81     57.73    117.02    182.67     50.37     51.54     49.95
 760.   207.80    202.37    191.37    168.70    110.17     85.69     70.41     63.98     58.93    117.00    181.57     57.03     56.80     49.76
 765.   206.15    202.07    193.47    167.47    114.61     88.09     65.76     60.64     57.58    118.07    179.97     51.09     52.41     50.54
 770.   204.07    201.85    190.17    146.20    115.95     86.49     64.33     58.83     55.34    114.51    179.02     50.34     50.02     50.07
 775.   200.58    202.12    190.45    155.10    108.05     86.26     66.43     58.98     56.05    116.19    177.80     53.22     54.98     49.19
 780.   199.88    203.13    188.05    152.47    105.73     84.29     66.02     58.38     57.29    116.49    176.37     50.02     52.00     49.19
 785.   202.80    197.22    185.52    145.40    109.29     84.59     65.40     60.79     57.41    115.37    175.63     51.73     53.85     48.71
 790.   198.97    191.87    179.75    137.55    107.00     82.74     66.64     60.86     59.05    114.27    174.85     54.29     55.34     48.71
 795.   197.02    192.57    177.47    119.15    102.46     82.21     63.50     61.14     58.90    113.34    173.60     54.78     57.80     48.29
 800.   198.17    192.67    172.82    125.73    105.66     82.14     64.43     58.86     57.50    113.83    172.45     51.88     49.83     48.88
 805.   191.90    185.77    170.32    124.24    103.80     82.21     63.29     58.90     58.07    111.02    170.72     49.44     53.54     48.58
 810.   191.63    183.97    164.20    124.51    105.76     83.86     65.05     57.93     53.29    109.32    169.72     52.41     49.98     48.37
 815.   189.60    183.27    170,38    118.63    106.00     79.49     64.31     58.86     56.71    108.17    168.77     52.00     52.34     48.54
 820.   188.72    179.07    158.60    119.49    100.17     80.24     62.86     58.14     55.24    107.63    167.85     48.17     50.19     48.71
 825.   183.20    178.95    161.32    120.10    103.07     83.86     64.80     55.51     54.05    108.49    166.50     51.24     52.88     48.29
 830.   181.60    175.22    156.05    115.34    105.76     81.17     62.52     56.63     52.90    106.68    165.77     49.93     49.00     48.22
 835.   181.75    178.67    152.42    116.95    101.44     81.36     62.88     58.05     52.22    105.71    164.65     49.54     50.68     47.32
 840.   181.95    174.77    151.02    113.90    103.17     77.98     63.79     59.17     56.80    107.17    163.95     54.27     54.22     46.85
 845.   178.70    169.25    151.52    114.02    101.61     78.67     61.71     58.56     59.24    106.89    162.95     52.80     54.54     47.51
 850.   178.13    170.55    142.72    109.17     90.71     78.50     62.62     59.21     57.32    105.68    162.10     48.19     50.56     47.51
 855.   176.85    166.65    147.07    112.54     96.69     83.76     62.64     56.83     54.00    104.56    161.38     49.34     50.41     47.37
 860.   174.10    167.75    137.10    112.66     96.57     78.44     60.02     57.29     54.41    103.37    160.45     51.90     50.07     46.61
 865.   172.67    163.00    140.30    108.29     94.43     80.52     62.71     55.71     54.66    103.58    159.57     48.39     49.63     46.02
 870.   169.65    162.47    145.07    107.98     93.90     77.41     60.00     56.66     55.17    105.58    158.70     49.73     50.63     45.71
 875.   168.27    161.95    140.60    101.24     95.71     75.56     59.36     56.63     55.29    106.00    158.13     50.24     50.00     45.63
 880.   169.57    166.75    141.65     97.00     91.59     77.93     58.64     58.00     56.41    104.17    157.50     50.32     49.56     45.93
 885.   170.22    160.05    129.49     96.40     85.07     77.64     60.17     54.32     55.34    103.24    156.60     47.63     46.90     46.17
 890.   169.05    161.27    126.54    100.41     89.90     75.54     58.43     53.89     53.10    102.49    155.97     49.51     49.98     45.95
 895.   168.25    162.85    129.27     94.21     83.74     76.02     58.67     55.76     54.76    102.61    155.40     48.95     49.41     45.54
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TIME      28       29       30      31        32       33       34       35       36       37       38       39       40       41
   0.    24.32    24.50    19.33  7123.71    0.00    -0.00    -0.01     0.55     0.00     0.00     0.00     0.00    21.00    -0.78
   0.    24.22    24.38    29.55  7189.64    0.00    -0.00    -0.01     0.41     0.00     0.00     0.00     0.00    21.01    -1.88
   0.    24.13    24.30    40.05  7167.64    0.00    -0.00    -0.01     0.29     0.00     0.00     0.00     0.00    21.01     1.10
   0.    24.13    24.35    50.27  7211.61    0.00     0.00    -0.01     0.29     0.00     0.00     0.00     0.00    21.01     0.60
   0.    23.95    24.45    59.52  7189.64    0.00    -0.00    -0.01     0.40     0.00     0.00     0.00     0.00    21.00    -0.19
   0.    23.92    24.38    69.73  7233.61    0.00     0.00    -0.01    -0.09     0.00     0.00     0.00     0.00    21.01     1.05
   5.    24.97    25.00    10.11  7189.64    0.00    -0.01    -0.01    -0.33     0.00     0.00     0.00     0.00    20.06     1.55
  10.    27.97    26.63    19.33  7211.61    0.00    -0.01    -0.01     0.50     0.00     0.00     0.00     0.00    20.65     1.14
  15.    27.42    27.38    29.55  7233.61    0.00    -0.01    -0.00     0.41     0.00     0.00     0.00     0.01    20.90     1.66
  20.    26.72    26.80    40.04  7123.71    0.00    -0.01    -0.00     0.16     0.00     0.00     0.00     0.01    20.87     0.47
  25.    25.63    26.40    50.25  7145.68    0.00    -0.01    -0.00    -0.03     0.00     0.00     0.00     0.01    20.72     1.30
  30.    25.07    25.57    59.52  7189.64    0.00    -0.01    -0.00    -0.11     0.00     0.00     0.00     0.01    20.66     1.58
  35.    32.00    29.20    69.73  7189.64    0.00    -0.01    -0.00    -0.41     0.00     0.00     0.00     0.01    20.63     1.62
  40.    29.89    29.71    10.11  7211.61    0.00    -0.01    -0.00     0.97     0.00     0.00     0.00     0.01    20.60     2.40
  45.    32.02    30.49    19.34  7211.61    0.00    -0.01     0.00     0.73     0.00     0.00     0.00     0.01    20.57     1.80
  50.    32.05    32.54    29.56  7145.68    0.01    -0.01     0.01     0.43     0.00     0.00     0.00     0.01    20.54     1.52
  55.    29.47    31.10    40.06  7123.71    0.01    -0.01     0.01    -0.16     0.00     0.00     0.00     0.01    20.49     2.10
  60.    32.32    32.05    50.26  7189.64    0.01    -0.01     0.01    -0.30     0.00     0.00     0.00     0.01    20.42     3.57
  65.    34.95    34.56    59.53  7145.68    0.01    -0.00     0.03    -0.33     0.00     0.00     0.00     0.01    20.37     2.24
  70.    37.58    35.68    69.74  7123.71    0.02    -0.00     0.04    -0.56     0.00     0.00     0.00     0.02    20.29     4.61
  75.    42.46    41.17    10.11  7123.71    0.03     0.00     0.06     1.55     0.00     0.00     0.00     0.02    20.21     3.35
  80.    43.68    42.58    19.35  7123.71    0.03     0.00     0.07     1.22     0.00     0.00     0.00     0.02    20.11     2.10
  85.    40.95    44.49    29.56  7079.74    0.04     0.00     0.09     0.69     0.00     0.00     0.00     0.02    19.99     5.30
  90.    47.61    45.17    40.05  7079.74    0.05     0.01     0.12    -0.26     0.00     0.00     0.00     0.03    19.83     3.67
  95.    50.85    50.54    50.26  7035.77    0.06     0.02     0.14    -0.51     0.00     0.00     0.00     0.04    19.69     4.73
 100.    57.51    53.85    59.52  7013.80    0.08     0.03     0.22    -0.51     0.00     0.00     0.00     0.05    19.50     8.12
 105.    53.93    59.38    69.74  7013.80    0.11     0.04     0.26    -0.68     0.00     0.00     0.00     0.06    19.20     7.45
 110.    58.22    57.37    10.10  6947.86    0.14     0.05     0.39     2.98     0.00     0.00     0.00     0.08    18.98     8.18
 115.    52.44    58.68    19.33  6881.93    0.18     0.07     0.43     2.42     0.00     0.00     0.00     0.10    18.66    10.69
 120.    59.55    66.79    29.55  6859.93    0.21     0.09     0.60     0.74     0.00     0.00     0.00     0.13    18.28     9.50
 125.    48.49    56.51    40.03  6772.02    0.24     0.10     0.63    -0.44     0.00     0.00     0.00     0.15    17.73     7.90
 130.    53.05    59.05    50.25  6684.11    0.26     0.12     0.73    -0.70     0.00     0.00     0.00     0.18    17.27     8.20
 135.    55.58    58.74    59.51  6662.11    0.29     0.13     0.80    -0.65     0.00     0.00     0.00     0.19    16.71     8.50
 140.    55.07    58.71    69.73  6618.14    0.31     0.14     0.87    -0.92     0.00     0.00     0.00     0.21    16.21    10.07
 145.    56.98    60.31    10.11  6552.21    0.32     0.14     0.82     3.81     0.00     0.00     0.00     0.21    15.68     8.79
 150.    59.48    64.59    19.34  6442.34    0.34     0.15     0.84     3.00     0.00     0.00     0.00     0.23    15.21     8.39
 155.    64.55    66.09    29.55  6398.36    0.35     0.15     0.96     1.13     0.00     0.00     0.00     0.24    14.94    11.03
 160.    62.40    66.33    40.03  6354.39    0.35     0.16     0.96    -0.64     0.00     0.00     0.00     0.25    14.74    10.76
 165.    61.88    66.02    50.26  6244.49    0.38     0.15     0.95    -0.82     0.00     0.00     0.00     0.24    14.50    10.11
 170.    64.86    71.12    59.52  6200.55    0.39     0.16     1.00    -0.85     0.00     0.00     0.00     0.26    14.35     9.18
 175.    71.10    75.15    69.74  6134.61    0.39     0.16     0.97    -0.99     0.00     0.00     0.00     0.25    14.17     6.73
 180.    65.48    75.39    10.11  6068.64    0.40     0.16     0.95     3.97     0.00     0.00     0.00     0.26    14.04    10.17
 185.    61.86    73.83    19.33  6024.71    0.41     0.16     1.09     3.06     0.00     0.00     0.00     0.26    13.97    11.16
 190.    66.98    76.68    29.56  5936.77    0.41     0.16     1.40     1.17     0.00     0.00     0.00     0.26    13.96     8.82
 195.    70.83    75.66    40.05  5848.86    0.41     0.16     1.07    -0.69     0.00     0.00     0.00     0.25    13.77     8.68
 200.    67.19    73.93    50.26  5804.89    0.41     0.16     1.02    -0.85     0.00     0.00     0.00     0.25    13.78     9.23
 205.    70.44    77.88    59.52  5760.93    0.42     0.16     1.01    -0.89     0.00     0.00     0.00     0.25    13.94    10.27
 210.    64.74    76.39    69.73  5651.05    0.42     0.15     1.06    -1.07     0.00     0.00     0.00     0.24    13.91     8.31
 215.    64.67    77.05    10.11  5585.11    0.43     0.16     1.07     3.94     0.00     0.00     0.00     0.25    13.94     9.49
 220.    73.07    78.56    19.34  5541.14    0.43     0.15     1.04     3.17     0.00     0.00     0.00     0.25    13.94    10.20
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TIME      28      29      30      31       32      33      34      35      36      37      38      39      40      41
 225.   77.98   79.40   29.56  5475.21    0.44    0.15    1.02    1.39    0.00    0.00    0.00    0.25   13.96   11.50
 230.   74.80   78.74   40.04  5365.30    0.44    0.15    1.09   -0.71    0.00    0.00    0.00    0.25   14.03   10.60
 235.   75.41   79.81   50.25  5343.34    0.44    0.15    1.03   -0.97    0.00    0.00    0.00    0.24   14.08    9.67
 240.   71.00   79.07   59.51  5299.36    0.44    0.15    1.00   -0.86    0.00    0.00    0.00    0.24   14.13    9.00
 245.   74.56   79.59   69.74  5211.43    0.44    0.14    1.06   -0.99    0.00    0.00    0.00    0.24   14.20   10.18
 250.   72.12   76.00   10.11  5145.49    0.44    0.15    1.03    3.92    0.00    0.00    0.00    0.23   14.19    9.24
 255.   70.88   75.83   19.33  5123.52    0.44    0.14    0.98    3.17    0.00    0.00    0.00    0.23   14.30    8.06
 260.   67.02   79.24   29.54  5013.61    0.44    0.14    1.06    1.32    0.00    0.00    0.00    0.23   14.23   12.68
 265.   72.05   77.61   40.04  4947.68    0.45    0.14    0.99   -0.58    0.00    0.00    0.00    0.23   14.38    7.98
 270.   74.00   79.57   50.26  4881.74    0.44    0.13    1.02   -0.92    0.00    0.00    0.00    0.22   14.57    7.43
 275.   80.69   85.07   59.51  4837.77    0.45    0.14    0.99   -0.90    0.00    0.00    0.00    0.22   14.55    9.65
 280.   79.05   82.67   69.74  4793.84    0.46    0.13    0.98   -1.06    0.00    0.00    0.00    0.23   14.59    7.50
 285.   74.46   84.00   10.10  4727.89    0.45    0.14    1.09    3.95    0.00    0.00    0.00    0.23   14.69    7.56
 290.   71.83   79.79   19.34  4661.93    0.45    0.13    1.09    3.14    0.00    0.00    0.00    0.21   14.70    9.86
 295.   77.41   82.29   29.56  4595.99    0.45    0.13    1.03    1.17    0.00    0.00    0.00    0.21   14.70    8.18
 300.   78.24   83.12   40.05  4530.05    0.45    0.13    0.99   -0.72    0.00    0.00    0.00    0.21   14.77   10.62
 305.   82.21   87.29   50.26  4508.09    0.44    0.13    0.97   -0.83    0.00    0.00    0.00    0.21   14.89    9.66
 310.   79.37   85.12   59.52  4464.11    0.45    0.13    0.87   -0.81    0.00    0.00    0.00    0.21   14.88    8.46
 315.   75.76   83.26   69.73  4398.18    0.45    0.13    0.97   -0.90    0.00    0.00    0.00    0.21   14.90    9.58
 320.   79.34   82.14   10.11  4424.57    0.45    0.12    0.80    4.00    0.00    0.00    0.00    0.21   14.98    9.75
 325.   76.98   83.57   19.32  4288.27    0.45    0.12    0.80    3.10    0.00    0.00    0.00    0.20   15.08    9.22
 330.   72.93   80.29   29.55  4266.30    0.46    0.12    0.80    0.87    0.00    0.00    0.00    0.21   15.17    8.26
 335.   77.15   83.64   40.04  4178.39    0.46    0.12    0.79   -0.67    0.00    0.00    0.00    0.20   15.06    7.38
 340.   74.73   79.38   50.26  4112.43    0.46    0.13    0.81   -0.91    0.00    0.00    0.00    0.20   15.10    9.05
 345.   82.09   84.40   59.52  4090.46    0.46    0.12    0.74   -0.80    0.00    0.00    0.00    0.20   15.12    9.82
 350.   83.64   88.59   69.74  4002.56    0.45    0.12    0.70   -1.01    0.00    0.00    0.00    0.20   15.16    7.94
 355.   82.64   89.79   10.11  4044.31    0.46    0.12    0.78    3.81    0.00    0.00    0.00    0.20   15.10    0.82
 360.   80.29   87.14   19.34  3870.65    0.46    0.12    0.75    3.05    0.00    0.00    0.00    0.19   15.25    7.98
 365.   73.80   83.93   29.56  3848.68    0.46    0.12    0.73    1.04    0.00    0.00    0.00    0.19   15.28    9.19
 370.   78.50   84.76   40.04  3804.71    0.46    0.11    0.70   -0.58    0.00    0.00    0.00    0.19   15.30    8.36
 375.   78.32   85.31   50.27  3716.80    0.45    0.12    0.70   -0.83    0.00    0.00    0.00    0.19   15.30   10.90
 380.   79.45   88.24   59.53  3716.80    0.46    0.11    0.69   -0.84    0.00    0.00    0.00    0.19   15.37    8.10
 385.   81.07   87.74   69.74  3672.84    0.46    0.11    0.71   -0.97    0.00    0.00    0.00    0.19   15.40    7.41
 390.   82.36   87.57   10.11  3716.80    0.47    0.11    0.69    3.96    0.00    0.00    0.00    0.19   15.41    8.90
 395.   79.02   87.12   19.34  3540.98    0.48    0.11    0.75    3.07    0.00    0.00    0.00    0.19   15.36    9.03
 400.   79.12   84.06   29.56  3519.00    0.48    0.12    0.78    1.28    0.00    0.00    0.00    0.19   15.47   10.23
 405.   81.36   86.83   40.05  3475.04    0.48    0.11    0.78   -0.70    0.00    0.00    0.00    0.19   15.50    9.54
 410.   88.45   92.55   50.26  3409.10    0.48    0.11    0.77   -0.91    0.00    0.00    0.00    0.19   15.49    8.82
 415.   90.90   95.55   59.52  3365.14    0.48    0.11    0.68   -0.92    0.00    0.00    0.00    0.19   15.51    8.60
 420.   80.59   90.45   69.73  3321.18    0.49    0.11    0.77   -1.02    0.00    0.00    0.00    0.19   15.51   10.12
 425.   89.29   92.50   10.11  3358.54    0.49    0.11    0.82    4.00    0.00    0.00    0.00    0.19   15.51   12.11
 430.   85.12   94.17   19.33  3189.30    0.49    0.11    0.91    3.06    0.00    0.00    0.00    0.19   15.52    9.21
 435.   87.95   94.59   29.55  3145.34    0.49    0.11    0.84    1.47    0.00    0.00    0.00    0.19   15.56   12.42
 440.   78.07   87.36   40.04  3101.38    0.49    0.12    0.94   -0.73    0.00    0.00    0.00    0.19   15.56    8.97
 445.   80.95   87.36   50.26  3035.44    0.49    0.11    0.83   -0.84    0.00    0.00    0.00    0.18   15.58    9.45
 450.   81.29   88.45   59.52  3013.46    0.49    0.11    0.87   -0.91    0.00    0.00    0.00    0.19   15.52    7.63
 455.   84.19   88.19   69.73  2969.50    0.49    0.11    0.86   -1.03    0.00    0.00    0.00    0.19   15.55    9.72
 460.   93.59   96.95   10.10  3028.84    0.50    0.11    0.84    4.02    0.00    0.00    0.00    0.19   15.59    9.02
 465.   91.12   96.43   19.33  2859.60    0.50    0.11    0.88    3.16    0.00    0.00    0.00    0.19   15.68    9.12
 470.   94.62  102.90   29.56  2793.66    0.51    0.12    0.86    1.17    0.00    0.00    0.00    0.19   15.72   10.20
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TIME      28       29       30       31        32       33       34       35       36       37       38       39       40       41
 475.   100.07   101.56    40.04  2771.68     0.52     0.12     0.92    -0.69     0.00     0.00     0.00     0.19    15.72    11.54
 480.    88.50    96.02    50.27  2705.74     0.51     0.12     0.91    -0.88     0.00     0.00     0.00     0.19    15.64     9.65
 485.    89.19   103.49    59.52  2661.78     0.52     0.12     0.85    -0.93     0.00     0.00     0.00     0.19    15.63     9.73
 490.    91.83   104.80    69.74  2573.86     0.51     0.12     0.95    -1.02     0.00     0.00     0.00     0.19    15.59     8.73
 495.   102.98   105.51    10.10  2670.57     0.52     0.12     0.90     4.01     0.00     0.00     0.00     0.18    15.62    11.03
 500.    87.24    96.26    19.34  2529.90     0.52     0.11     0.88     3.25     0.00     0.00     0.00     0.18    15.63    10.61
 505.    93.05   104.83    29.56  2485.94     0.52     0.11     0.90     1.63     0.00     0.00     0.00     0.18    15.74     8.76
 510.   101.95   106.22    40.05  2420.00     0.53     0.11     0.97    -0.72     0.00     0.00     0.00     0.18    15.78     9.05
 515.   100.02   106.27    50.26  2398.02     0.52     0.11     0.95    -0.93     0.00     0.00     0.00     0.18    15.80    10.80
 520.    97.31   104.10    59.52  2354.06     0.52     0.11     0.93    -0.96     0.00     0.00     0.00     0.18    15.77     8.87
 525.   100.46   104.95    69.74  2310.10     0.52     0.11     0.90    -1.01     0.00     0.00     0.00     0.18    15.78    10.56
 530.   101.17   108.63    10.11  2334.27     0.52     0.11     0.94     4.12     0.00     0.00     0.00     0.18    15.80     9.61
 535.   104.32   109.24    19.34  2244.16     0.52     0.11     0.93     2.82     0.00     0.00     0.00     0.18    15.83     9.69
 540.    92.38   104.29    29.55  2200.20     0.51     0.11     0.86     1.18     0.00     0.00     0.00     0.17    15.85    11.13
 545.    91.02   103.24    40.05  2156.24     0.51     0.11     0.89    -0.70     0.00     0.00     0.00     0.17    15.85     8.51
 550.    94.67   102.98    50.25  2090.30     0.52     0.11     0.95    -0.95     0.00     0.00     0.00     0.18    15.89     8.66
 555.    91.90   101.66    59.52  2046.34     0.51     0.11     0.88    -1.01     0.00     0.00     0.00     0.17    15.85     8.75
 560.    94.38   101.10    69.73  2002.39     0.50     0.11     0.89    -1.03     0.00     0.00     0.00     0.17    15.91    10.34
 565.    93.95    97.50    10.10  2079.31     0.50     0.11     0.94     4.00     0.00     0.00     0.00     0.17    15.99    10.68
 570.   101.32   105.46    19.33  1892.48     0.50     0.10     0.87     3.08     0.00     0.00     0.00     0.17    16.09    10.88
 575.    97.29   106.07    29.55  1870.50     0.50     0.10     0.88     1.59     0.00     0.00     0.00     0.17    16.15    11.14
 580.    95.90   104.07    40.05  1848.52     0.50     0.10     0.88    -0.70     0.00     0.00     0.00     0.16    16.16     7.40
 585.   101.63   103.68    50.26  1826.54     0.49     0.10     0.84    -1.01     0.00     0.00     0.00     0.17    16.20    10.51
 590.    94.83   103.56    59.52  1760.60     0.49     0.10     0.92    -0.97     0.00     0.00     0.00     0.17    16.18     8.71
 595.    95.81   103.54    69.73  1760.60     0.49     0.10     0.82    -1.05     0.00     0.00     0.00     0.16    16.28    10.17
 600.    93.57   105.66    10.11  1824.34     0.48     0.10     0.79     3.87     0.00     0.00     0.00     0.16    16.37     7.65
 605.   106.05   108.10    19.34  1628.72     0.48     0.10     0.84     3.11     0.00     0.00     0.00     0.16    16.44    10.31
 610.   104.22   115.12    29.55  1504.76     0.47     0.10     0.84     1.11     0.00     0.00     0.00     0.16    16.52     8.69
 615.   103.02   112.63    40.05  1606.74     0.48     0.10     0.83    -0.71     0.00     0.00     0.00     0.16    16.57     7.99
 620.   100.63   108.73    50.27  1540.80     0.47     0.10     0.87    -0.93     0.00     0.00     0.00     0.16    16.58     8.32
 625.    87.17   100.95    59.53  1496.84     0.46     0.10     0.83    -0.95     0.00     0.00     0.00     0.16    16.61     8.80
 630.   100.68   104.73    69.75  1474.86     0.45     0.10     0.80    -1.03     0.00     0.00     0.00     0.16    16.61     9.45
 635.    93.40   104.61    10.12  1575.97     0.45     0.10     0.85     3.81     0.00     0.00     0.00     0.15    16.64     9.43
 640.   101.39   104.88    19.35  1430.90     0.44     0.10     0.81     3.05     0.00     0.00     0.00     0.15    16.71     8.22
 645.    97.24   109.07    29.56  1396.94     0.43     0.09     0.76     1.20     0.00     0.00     0.00     0.15    16.72     8.76
 650.   106.24   109.73    40.06  1364.96     0.43     0.09     0.75    -0.58     0.00     0.00     0.00     0.15    16.82     9.86
 655.    95.24   111.05    50.27  1386.94     0.43     0.09     0.70    -0.86     0.00     0.00     0.00     0.15    16.86     9.34
 660.    97.24   103.78    59.53  1321.00     0.42     0.09     0.70    -0.90     0.00     0.00     0.00     0.14    16.94     7.58
 665.   104.24   106.54    69.74  1277.04     0.41     0.09     0.71    -1.07     0.00     0.00     0.00     0.14    17.01     7.46
 670.    94.98   105.07    10.12  1384.74     0.41     0.09     0.65     3.49     0.00     0.00     0.00     0.14    17.08     8.09
 675.    90.09   103.17    19.35  1255.06     0.40     0.08     0.68     2.90     0.00     0.00     0.00     0.14    17.13     7.81
 680.    85.29    95.62    29.57  1233.08     0.39     0.08     0.63     1.26     0.00     0.00     0.00     0.14    17.18     9.47
 685.    85.48    90.64    40.05  1189.12     0.39     0.09     0.65    -0.63     0.00     0.00     0.00     0.13    17.27     7.03
 690.    86.29    91.98    50.28  1167.14     0.39     0.08     0.66    -0.85     0.00     0.00     0.00     0.13    17.29     8.14
 695.    84.71    91.17    59.53  1167.14     0.39     0.08     0.66    -0.94     0.00     0.00     0.00     0.13    17.34     7.69
 700.    92.43    96.17    69.74  1101.20     0.35     0.08     0.64    -0.99     0.00     0.00     0.00     0.13    17.43     9.59
 705.    95.40   103.83    10.12  1200.11     0.33     0.08     0.59     3.45     0.00     0.00     0.00     0.13    17.48     6.98
 710.   101.63   103.80    19.35  1035.26     0.33     0.07     0.57     2.73     0.00     0.00     0.00     0.13    17.52     8.64
 715.   115.95   112.12    29.56  1013.28     0.32     0.07     0.55     1.09     0.00     0.00     0.00     0.13    17.63     7.63
 720.   110.85   117.02    40.06  1013.28     0.32     0.07     0.55    -0.75     0.00     0.00     0.00     0.13    17.79     8.83
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TIME     28       29       30       31       32      33      34      35      36      37      38      39      40      41
 725.  115.44   123.80    50.27   991.30   0.32    0.07    0.56   -0.89    0.00    0.00    0.00    0.12   17.90    6.25
 730.  108.22   108.73    59.53   969.32   0.32    0.07    0.51   -0.94    0.00    0.00    0.00    0.12   17.99    7.56
 735.  106.19   107.54    69.74   969.32   0.30    0.07    0.53   -1.03    0.00    0.00    0.00    0.12   18.07    7.64
 740.   92.90   104.83    10.11  1072.62   0.29    0.07    0.53    3.29    0.00    0.00    0.00    0.12   18.12    6.69
 745.  103.02   111.41    19.34   969.32   0.30    0.07    0.51    2.61    0.00    0.00    0.00    0.12   18.15    7.76
 750.  103.32   110.78    29.56   947.34   0.29    0.05    0.49    0.91    0.00    0.00    0.00    0.11   18.20    7.32
 755.  102.85   108.29    40.05   903.38   0.29    0.06    0.47   -0.68    0.00    0.00    0.00    0.11   18.23    6.33
 760.  102.68   101.76    50.27   859.42   0.28    0.06    0.50   -0.92    0.00    0.00    0.00    0.11   18.28    5.39
 765.  101.19   107.56    59.53   881.40   0.27    0.06    0.47   -0.94    0.00    0.00    0.00    0.11   18.33    7.57
 770.   90.88   101.00    69.75   881.40   0.27    0.06    0.47   -1.03    0.00    0.00    0.00    0.10   18.40    6.20
 775.   91.59    93.59    10.12   980.31   0.26    0.06    0.43    3.03    0.00    0.00    0.00    0.10   18.41    7.47
 780.   91.31    93.79    19.35   815.46   0.26    0.06    0.43    2.44    0.00    0.00    0.00    0.10   18.44    6.04
 785.   90.86    93.02    29.57   815.46   0.26    0.06    0.45    1.10    0.00    0.00    0.00    0.09   18.48    4.35
 790.   90.31    91.90    40.05   815.46   0.26    0.06    0.43   -0.53    0.00    0.00    0.00    0.09   18.52    5.74
 795.   81.81    85.07    50.26   749.52   0.26    0.06    0.43   -0.93    0.00    0.00    0.00    0.09   18.58    5.00
 800.   87.24    88.02    59.52   749.52   0.26    0.06    0.41   -0.92    0.00    0.00    0.00    0.09   18.59    5.77
 805.   93.90    92.09    69.74   749.52   0.25    0.06    0.38   -0.98    0.00    0.00    0.00    0.09   18.60    6.09
 810.   84.64    88.19    10.11   857.22   0.23    0.05    0.30    3.03    0.00    0.00    0.00    0.08   18.61    5.24
 815.   81.26    86.24    19.34   749.52   0.25    0.05    0.38    2.27    0.00    0.00    0.00    0.08   18.64    8.63
 820.   85.76    87.59    29.56   727.54   0.24    0.05    0.38    0.67    0.00    0.00    0.00    0.08   18.67    4.97
 825.   82.74    87.79    40.06   727.54   0.23    0.05    0.38   -0.69    0.00    0.00    0.00    0.08   18.71    6.03
 830.   81.95    85.64    50.27   727.54   0.24    0.05    0.38   -0.84    0.00    0.00    0.00    0.08   18.72    4.62
 835.   88.62    89.24    59.53   749.52   0.24    0.05    0.36   -0.87    0.00    0.00    0.00    0.08   18.74    4.01
 840.   77.63    80.57    69.74   705.56   0.23    0.05    0.37   -0.90    0.00    0.00    0.00    0.08   18.76    6.91
 845.   85.36    85.50    10.12   806.66   0.23    0.05    0.36    2.80    0.00    0.00    0.00    0.08   18.77    6.20
 850.   79.31    81.02    19.34   727.54   0.22    0.05    0.38    2.22    0.00    0.00    0.00    0.08   18.79    4.48
 855.   83.69    86.69    29.55   727.54   0.22    0.05    0.35    0.81    0.00    0.00    0.00    0.07   18.81    4.62
 860.   81.29    83.00    40.04   727.54   0.22    0.05    0.32   -0.64    0.00    0.00    0.00    0.07   18.81    6.02
 865.   80.69    83.71    50.26   705.56   0.22    0.05    0.35   -0.79    0.00    0.00    0.00    0.07   18.82    5.34
 870.   76.05    81.14    59.52   683.58   0.21    0.05    0.34   -0.82    0.00    0.00    0.00    0.07   18.83    3.96
 875.   67.14    74.93    69.73   727.54   0.21    0.05    0.36   -1.00    0.00    0.00    0.00    0.07   18.84    6.24
 880.   76.93    78.58    10.11   791.28   0.22    0.05    0.35    2.73    0.00    0.00    0.00    0.07   18.85    3.31
 885.   74.61    77.71    19.34   661.60   0.21    0.05    0.34    2.02    0.00    0.00    0.00    0.07   18.85    5.51
 890.   76.80    77.90    29.55   639.62   0.20    0.05    0.33    0.63    0.00    0.00    0.00    0.07   18.85    8.04
 895.   74.61    75.63    40.04   639.62   0.21    0.05    0.35   -0.44    0.00    0.00    0.00    0.07   18.86    4.43
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TIME      42      43      44      45      46      47      48
   0.    0.51    1.20   -2.28    0.51   -3.00    0.00    0.00
   0.    1.42   -1.21    1.36    0.10    0.17    0.00    0.00
   0.    0.64   -0.71    1.13   -1.01    0.20    0.00    0.00
   0.   -2.38    2.07   -1.88    0.70    0.30    0.00    0.00
   0.    0.15   -1.20    1.21   -0.38    0.98    0.00    0.00
   0.   -0.35   -0.15    0.44    0.07    1.35    0.00    0.00
   5.   -0.16   -0.58    0.68    0.21    0.40    0.00    5.00
  10.    0.61   -0.96    1.06   -0.29    0.81    0.00   10.00
  15.    0.06   -0.59    1.51   -0.48    0.42    0.00   15.00
  20.    0.98   -0.75    0.77   -0.28    0.55    0.00   20.00
  25.    0.43   -0.12    0.91   -0.01   -0.41    0.01   25.00
  30.    1.48   -0.92    0.76   -0.12    0.27    0.01   30.00
  35.    0.84    0.83    0.55   -0.74    0.36    0.01   35.00
  40.   -0.08    1.36   -0.47    0.83   -0.09    0.01   40.00
  45.    0.50    0.34    0.93   -0.58    0.48    0.01   45.00
  50.    1.41   -0.42    0.63   -0.40    0.13    0.02   50.00
  55.    1.33   -0.29    0.81   -0.69    0.71    0.03   55.00
  60.    0.38    1.31   -0.77    0.57   -0.12    0.04   60.00
  65.    1.32    0.22    1.20   -0.66    0.16    0.05   65.00
  70.    0.11   -0.08    1.40   -1.43    0.30    0.07   70.00
  75.    1.58    0.69   -0.09   -0.17   -0.77    0.11   75.00
  80.    2.30    0.62    0.41   -1.13   -0.18    0.15   80.00
  85.    1.74    1.31   -0.53    0.92   -1.16    0.22   85.00
  90.    2.50    0.24    1.33   -1.53    0.88    0.33   90.00
  95.    3.33    0.93    0.39   -0.98   -0.20    0.39   95.00
 100.    2.03    2.89    0.78   -0.48   -0.80    0.57  100.00
 105.    3.58    1.24   -0.47   -2.07   -0.55    0.77  105.00
 110.    5.02    0.88   -0.17    0.04    1.62    1.05  110.00
 115.    3.02    1.94    2.43   -3.44    2.36    1.35  115.00
 120.    4.22    2.32   -0.57    0.40   -0.35    1.76  120.00
 125.    4.37    4.20    0.25   -1.19   -0.48    2.48  125.00
 130.    5.75    3.84    0.06   -1.88   -0.71    2.82  130.00
 135.    5.13    1.41    0.93    1.06   -1.55    3.45  135.00
 140.    4.00    3.36   -0.20   -0.06   -0.70    4.04  140.00
 145.    4.53    3.37    0.31   -0.96   -2.05    4.57  145.00
 150.    5.59    1.09    0.99   -0.51   -1.05    5.06  150.00
 155.    6.27    2.60   -1.35   -1.71   -1.16    5.42  155.00
 160.    6.64    1.68    0.84   -1.03   -1.73    5.58  160.00
 165.    6.29    2.19   -0.57   -2.05   -0.07    5.73  165.00
 170.    5.05    4.39   -0.08   -1.26   -1.87    6.06  170.00
 175.    6.11    2.99    1.26   -4.29   -0.23    6.13  175.00
 180.    5.49    1.82    0.56   -1.28   -1.02    6.32  180.00
 185.    4.03    1.84   -0.31   -1.53    1.77    6.39  185.00
 190.    7.11    0.09    2.77   -1.01   -2.25    6.35  190.00
 195.    4.36    2.19    0.30   -1.02   -0.23    6.65  195.00
 200.    6.35    1.51    0.31   -1.49    2.13    6.47  200.00
 205.    5.19    2.14   -0.66    0.98   -2.70    6.27  205.00
 210.    4.04    3.15    0.68    0.56   -1.97    6.41  210.00
 215.    8.06    0.35    1.88   -1.81   -1.13    6.34  215.00
 220.    4.50    1.29    1.37   -2.65   -0.94    6.37  220.00
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TIME       42       43       44       45       46       47       48
 225.     4.89     2.69     1.44    -2.04    -0.16     6.36   225.00
 230.     5.34     2.29     1.18    -0.60    -1.76     6.18   230.00
 235.     6.13     1.65     0.64     0.03    -2.45     6.21   235.00
 240.     6.28     0.16    -0.59    -1.73    -4.24     6.06   240.00
 245.     5.80     0.66     1.01     0.09    -1.44     6.09   245.00
 250.     4.55     0.33     2.17    -3.22    -0.68     6.03   250.00
 255.     7.23     1.63     0.03    -1.91    -0.51     5.94   255.00
 260.     2.45     3.84    -1.70    -0.53     0.20     6.02   260.00
 265.     5.28     2.40     0.57    -1.18    -1.32     5.71   265.00
 270.     0.31     1.70    -0.69    -1.21    -0.13     5.58   270.00
 275.     5.90     2.15    -0.71    -0.32    -1.57     5.66   275.00
 280.     6.43     0.93     0.91    -2.17    -1.77     5.61   280.00
 285.     5.56     3.24     0.71    -1.59    -0.57     5.63   285.00
 290.     5.46     4.00     0.46    -2.10    -0.16     5.47   290.00
 295.     5.87     1.78     0.69    -1.22    -0.31     5.45   295.00
 300.     5.52     2.91     0.14    -1.99    -0.83     5.40   300.00
 305.     4.35     2.59     1.19    -1.64    -2.61     5.21   305.00
 310.     7.74     1.98     0.03    -1.11    -4.41     5.28   310.00
 315.     5.12     1.88    -0.37    -0.91     0.03     5.29   315.00
 320.     4.73     3.50    -0.55    -1.19    -2.00     5.08   320.00
 325.     5.24     1.32     2.00    -2.11    -0.83     5.03   325.00
 330.     5.35     2.12     0.16    -2.92     1.11     4.93   330.00
 335.     5.43     2.45    -0.19    -0.79    -2.71     5.09   335.00
 340.     6.14     1.99     0.53     0.44    -2.25     4.99   340.00
 345.     6.43     1.12     0.36    -0.47    -1.68     5.00   345.00
 350.     5.49     1.14     2.46    -1.51    -0.83     4.95   350.00
 355.     5.42     1.93    -0.37    -0.65    -2.29     4.93   355.00
 360.     5.84     2.36     0.71    -3.14     0.11     4.86   360.00
 365.     5.93     2.57     0.00     0.10    -2.76     4.86   365.00
 370.     5.62     2.84    -0.06    -0.41    -1.31     4.81   370.00
 375.     7.09    -0.61     1.46    -1.35    -2.10     4.78   375.00
 380.     7.07    -0.21     1.94    -1.60    -0.99     4.67   380.00
 385.     7.07     1.54    -0.64    -1.01    -3.99     4.70   385.00
 390.     4.63     3.28     0.37    -2.45    -0.10     4.72   390.00
 395.     5.02     1.71     1.44    -1.74    -0.70     4.74   395.00
 400.     6.00     1.45     0.35    -0.65    -0.90     4.58   400.00
 405.     5.22     3.92    -1.39    -1.47     0.10     4.59   405.00
 410.     7.80     1.74    -0.16    -0.64    -2.52     4.52   410.00
 415.     6.41     2.53     0.24    -1.01    -1.99     4.52   415.00
 420.     6.59     0.22     0.69    -1.42    -1.52     4.68   420.00
 425.     3.65     3.14     1.25    -3.35     0.61     4.55   425.00
 430.     5.56     1.41     0.31    -0.31    -2.26     4.56   430.00
 435.     3.51     2.18     1.41    -1.03    -1.34     4.51   435.00
 440.     6.40     3.59    -1.99     0.40    -1.96     4.55   440.00
 445.     6.78     0.83     0.40    -0.23    -1.31     4.52   445.00
 450.     5.18     0.72     2.25    -2.51    -0.93     4.61   450.00
 455.     5.34     2.27     0.78    -1.25    -2.13     4.51   455.00
 460.     7.01     0.88     0.89    -0.08    -2.61     4.52   460.00
 465.     5.71     2.30     0.78    -0.64     0.39     4.38   465.00
 470.     4.92     2.72     0.25    -0.05    -0.86     4.39   470.00
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TIME         42        43        44        45        46         47        48
 475.       5.16      3.55     -1.37     -0.08     -1.00       4.37    475.00
 480.       6.81      1.61      0.09     -1.57     -0.47       4.45    480.00
 485.       6.16      4.62     -0.49     -0.56     -1.92       4.46    485.00
 490.       5.68      2.27      1.66     -1.88     -1.45       4.47    490.00
 495.       5.94      2.71     -0.67     -0.19     -1.68       4.45    495.00
 500.       4.44      2.29      1.92     -2.60     -0.52       4.38    500.00
 505.       6.40      2.56      0.42     -2.55     -1.31       4.30    505.00
 510.       6.79      2.27      1.28     -3.54     -0.09       4.20    510.00
 515.       6.05      2.36     -1.65     -1.38     -1.45       4.25    515.00
 520.       6.11      1.96      0.75     -2.23     -0.20       4.20    520.00
 525.       5.62      1.02      0.31     -0.94      0.01       4.26    525.00
 530.       6.54      2.02      0.55     -1.60     -0.39       4.21    530.00
 535.       5.36      1.81      0.21     -2.10      0.58       4.13    535.00
 540.       6.30      1.47      1.01     -0.68     -1.57       4.10    540.00
 545.       5.91      1.94      2.31     -2.78      0.07       4.17    545.00
 550.       6.08      2.29      0.89     -1.07     -1.63       4.11    550.00
 555.       6.32      2.17      0.39     -1.98     -1.13       4.08    555.00
 560.       5.53      1.58      0.22     -0.72     -2.16       4.02    560.00
 565.       4.99      3.47      0.78     -1.68     -1.38       3.90    565.00
 570.       5.45      1.98      0.26     -1.26     -1.84       3.85    570.00
 575.       4.77      3.26     -0.58     -0.07     -2.50       3.67    575.00
 580.       5.40      0.06      1.30     -1.60     -0.05       3.65    580.00
 585.       6.35      0.88      0.72     -1.31     -0.94       3.69    585.00
 590.       5.79      2.31      0.02     -1.18     -2.06       3.59    590.00
 595.       5.21      2.28     -0.09      0.91     -2.92       3.49    595.00
 600.       5.18      1.33     -0.55     -0.54     -1.70       3.50    600.00
 605.       3.74      3.26     -0.46     -1.46     -0.92       3.36    605.00
 610.       6.35      1.67      1.10     -1.36     -1.74       3.33    610.00
 615.       4.97      3.64     -0.75     -0.91     -1.93       3.23    615.00
 620.       5.88      2.29      0.14     -1.53     -0.80       3.30    620.00
 625.       5.71      1.63      0.49     -0.49     -2.08       3.22    625.00
 630.       6.37      1.72      0.14     -1.34     -2.44       3.24    630.00
 635.       4.82      2.78      0.55     -1.35     -1.18       3.14    635.00
 640.       6.67      0.27      0.98     -1.74     -1.16       3.12    640.00
 645.       5.60      0.80      1.41     -0.80     -1.65       3.09    645.00
 650.       4.73      2.46      0.03     -1.36     -1.21       2.99    650.00
 655.       4.86      2.08      0.71     -2.10     -0.05       2.96    655.00
 660.       6.38      1.30      0.28     -1.35     -1.84       2.88    660.00
 665.       5.97      1.47      0.32     -1.06     -1.89       2.76    665.00
 670.       5.48      1.62     -0.13     -0.47     -2.16       2.75    670.00
 675.       5.05      2.48     -1.03      0.01     -1.90       2.71    675.00
 680.       5.05      2.82     -0.72     -0.37     -1.28       2.54    680.00
 685.       6.09      0.64      1.12     -1.70     -2.26       2.51    685.00
 690.       5.11      2.48     -0.73     -0.42     -3.67       2.55    690.00
 695.       4.88      2.82     -1.23     -0.40     -1.79       2.47    695.00
 700.       3.88      1.18      1.05     -0.58     -1.29       2.37    700.00
 705.       6.67      0.90      0.49     -1.22     -1.92       2.34    705.00
 710.       3.82      1.14      2.21     -2.57     -1.09       2.29    710.00
 715.       4.55      1.71      0.99     -1.62     -1.97       2.08    715.00
 720.       3.91      1.56      1.10     -1.47     -1.57       1.94    720.00
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TIME        42      43      44      45      46      47       49
 725.     5.67    0.70    0.95   -2.09   -1.23    1.87   725.00
 730.     4.50    1.23    0.67   -0.79   -2.50    1.78   730.00
 735.     4.13    0.63    0.90   -2.02   -0.19    1.70   735.00
 740.     5.35    2.08    0.23   -2.32   -0.83    1.66   740.00
 745.     3.51    2.66    0.10   -1.35   -1.73    1.60   745.00
 750.     4.53    1.81    1.03   -2.25   -1.60    1.55   750.00
 755.     4.02    2.05   -0.06   -0.06   -2.80    1.49   755.00
 760.     4.80    2.04   -0.12   -0.50   -2.22    1.48   760.00
 765.     3.82    1.73    0.30   -0.59   -2.05    1.44   765.00
 770.     4.74    1.10    0.89   -1.49   -1.52    1.36   770.00
 775.     4.48    0.71    1.29   -2.36   -1.09    1.37   775.00
 780.     4.38    0.25    2.36   -1.78   -0.23    1.35   780.00
 785.     5.81    0.48    1.15   -1.75   -1.76    1.28   785.00
 790.     4.60    0.59    1.29   -1.41   -3.12    1.26   790.00
 795.     4.93    0.22    1.05   -1.62   -2.12    1.19   795.00
 800.     4.22    1.41    0.09   -1.17   -0.73    1.21   800.00
 805.     3.13    1.35    1.17   -1.61   -0.74    1.19   805.00
 810.     3.81    2.07   -0.36   -0.55   -2.15    1.17   810.00
 815.     5.21    2.46   -0.88    0.34   -1.50    1.14   815.00
 820.     4.21    1.57    0.02   -0.91   -0.45    1.12   820.00
 825.     2.60    2.64   -0.88    0.58   -2.41    1.08   825.00
 830.     4.34    0.66    0.51   -1.69   -2.00    1.07   830.00
 835.     5.10    0.63    0.32   -1.21   -1.81    1.04   835.00
 840.     1.95    2.69   -0.15   -0.29   -2.38    1.02   840.00
 845.     2.80    1.59    0.80   -1.14   -1.06    1.02   845.00
 850.     4.44    0.58    0.78   -1.08   -2.45    0.97   850.00
 855.     3.56    2.04    0.08   -1.10   -1.55    0.97   855.00
 860.     2.56    1.85    0.43   -0.83   -2.09    0.96   860.00
 865.     2.63    3.03   -0.94   -0.05   -1.84    0.95   865.00
 870.     4.84   -0.38    1.27   -1.00   -2.00    0.95   870.00
 875.     3.54    0.14    1.34   -0.89   -1.49    0.93   875.00
 880.     4.86   -0.64    2.29   -2.30   -0.83    0.92   880.00
 885.     6.00    2.92    0.16   -1.05   -1.87    0.92   885.00
 890.     0.71    3.61   -1.36    1.13   -2.26    0.90   890.00
 895.     4.47   -0.02    0.99   -0.87   -1.60    0.90   895.00
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PRC17-W-4-1/4                                                                             PAGE     1
TIME       0        1        2        3        4        5        6        7        8        9       10       11       12       13
   0.    24.35   -21.13    23.15    23.67    23.47    22.88    22.40    27.02    27.05    25.35    24.55    25.70    26.82    23.63
   0.    24.45   136.52    23.05    23.47    23.25    22.67    22.32    26.97    27.00    25.32    24.47    25.67    26.77    23.67
   0.    24.50   -70.69    23.02    23.35    23.10    22.80    22.22    27.00    26.97    25.35    24.52    25.67    26.75    23.60
   0.    24.40     8.00    23.07    23.13    23.35    22.42    22.38    27.05    26.95    25.40    24.57    25.70    26.85    23.60
   0.    24.45    44.39    23.20    23.20    23.42    22.72    22.17    27.00    27.00    25.35    24.52    25.65    26.77    23.63
   0.    24.38    76.54    23.17    23.10    23.05    22.72    22.22    27.02    26.97    25.38    24.57    25.67    26.80    23.60
   5.    33.71    77.78    32.56    24.25    24.07    23.00    22.60    33.22    42.15    36.17    33.05    34.44    35.29    31.00
  10.    41.54   324.00    41.51    24.10    23.37    23.05    22.77    36.90    50.29    47.88    43.90    45.76    45.49    41.63
  15.    53.46   231.75    44.80    23.72    23.20    22.92    22.02    39.12    57.68    55.15    52.76    55.73    54.34    47.83
  20.    65.26   193.60    42.98    23.55    23.22    22.77    22.67    41.61    66.95    66.52    63.30    62.03    60.05    56.24
  25.    75.29   194.27    58.78    23.45    23.22    23.22    22.57    46.63    83.24    78.10    76.02    70.22    66.90    61.57
  30.    92.24   103.61    63.07    23.45    22.88    22.55    22.57    55.44   101.61    87.09    81.09    81.48    82.14    79.15
  35.   117.07   105.10    87.55    24.27    22.40    22.27    22.38    63.33   142.10   112.71   102.41   105.58   111.93   100.10
  40.   142.65   140.52   109.71    23.77    22.55    22.55    22.27    76.56   167.95   142.10   136.95   140.90   136.55   126.12
  45.   192.67   235.63   127.05    23.40    22.63    22.40    22.22    82.40   197.97   166.67   165.35   160.20   166.15   152.80
  50.   188.92   183.17   116.58    23.37    22.60    22.72    22.57    92.31   200.60   181.30   181.92   190.97   189.52   175.40
  55.   227.92   202.15   160.85    23.70    22.90    22.77    22.30   107.41   230.67   202.58   202.52   205.02   206.66   197.70
  60.   238.63   226.72   183.77    26.65    22.92    22.80    22.47   117.49   259.41   229.65   225.22   231.20   229.57   226.85
  65.   274.80   245.27   191.32    24.45    22.85    22.63    22.47   128.83   274.90   253.90   256.54   258.02   248.50   239.66
  70.   290.07   272.98   235.24    31.19    22.85    22.65    22.38   161.42   308.19   296.54   280.63   287.29   268.63   257.63
  75.   295.17   304.73   268.58    27.27    23.20    22.57    22.27   185.12   324.69   315.29   316.21   324.64   315.40   313.49
  80.   320.55   318.81   291.29    33.95    22.25    22.42    22.25   205.27   362.60   348.98   349.45   373.38   343.93   342.88
  85.   328.64   348.49   279.37    32.44    22.82    22.50    22.47   231.52   390.69   369.21   369.67   368.42   361.81   349.76
  90.   349.86   343.07   295.39    29.70    22.65    22.72    22.30   247.51   420.19   391.02   389.38   396.00   387.63   360.16
  95.   356.59   367.74   315.02    33.61    22.55    22.52    22.22   265.44   428.28   404.45   402.17   401.28   390.43   382.33
 100.   366.09   362.35   307.68    28.97    22.63    22.47    22.10   288.34   433.23   404.23   407.01   403.88   404.52   393.14
 105.   389.05   370.46   341.95    34.61    22.85    22.75    22.30   311.15   454.76   402.79   402.09   403.72   401.39   400.57
 110.   384.76   396.43   340.85    32.54    23.17    23.00    22.42   316.55   456.51   428.01   425.40   420.81   421.90   406.98
 115.   385.48   369.30   344.95    42.93    23.13    22.92    22.30   339.54   463.49   426.90   427.62   435.71   435.49   431.67
 120.   384.76   390.00   352.74    41.05    22.82    22.63    22.15   345.81   456.67   433.57   435.00   449.71   437.38   435.00
 125.   402.86   399.28   342.71    43.32    22.82    22.67    22.12   355.45   480.00   435.12   433.02   433.72   436.43   437.14
 130.   388.33   401.90   344.09    44.15    22.55    22.88    22.60   367.05   492.14   451.19   438.37   451.90   438.14   437.44
 135.   400.24   396.19   369.33    47.63    22.90    22.77    22.32   370.14   499.28   435.35   439.76   430.93   437.62   434.88
 140.   406.74   407.14   356.81    58.54    23.15    22.80    22.20   371.32   498.37   456.28   460.40   451.16   453.33   452.62
 145.   405.24   407.86   356.40    89.62    22.92    22.63    22.60   388.98   499.76   456.51   454.08   456.74   460.71   456.43
 150.   405.58   410.00   386.19    59.02    23.25    23.50    22.38   398.48   510.70   464.42   463.72   464.19   453.33   434.19
 155.   407.91   408.33   353.88    59.12    22.97    22.95    22.52   398.21   476.28   457.67   455.12   455.81   452.56   458.33
 160.   440.23   425.00   367.67    44.61    23.13    22.70    22.57   400.62   497.21   457.91   460.00   450.60   464.19   463.25
 165.   435.24   423.33   365.26    57.32    23.42    23.05    22.60   409.83   497.67   462.09   461.16   464.19   459.53   451.39
 170.   424.76   402.09   371.63    72.07    22.90    22.67    22.63   403.02   490.01   455.81   457.21   451.86   453.02   456.43
 175.   433.72   423.33   365.81   113.76    23.52    23.15    22.50   420.78   512.22   476.05   472.09   473.95   460.93   456.98
 180.   436.43   429.05   370.17    91.83    23.67    22.80    22.67   422.55   512.06   470.46   469.30   469.77   464.19   453.49
 185.   434.05   430.71   385.95    58.86    23.45    22.92    22.72   425.81   523.25   470.70   468.60   471.96   463.95   465.12
 190.   437.14   408.14   362.79    62.71    23.52    23.27    22.67   428.48   513.95   475.12   473.25   474.65   450.37   459.76
 195.   439.77   439.05   357.86    78.29    24.35    24.05    22.77   426.55   496.74   471.86   476.20   491.90   473.25   453.25
 200.   430.48   435.00   385.48    55.32    24.65    24.60    22.25   434.14   521.16   494.76   478.14   479.30   459.53   463.49
 205.   437.62   402.56   388.33    41.17    24.70    23.55    22.50   437.50   510.23   497.14   496.19   490.05   493.33   475.12
 210.   428.81   405.35   394.52    44.15    23.65    23.07    22.60   432.14   520.00   496.74   497.30   491.09   496.43   493.72
 215.   458.81   430.48   387.62    58.88    24.13    23.45    22.67   431.32   517.14   494.42   491.16   490.23   479.53   493.09
 220.   437.67   437.38   403.49    58.62    23.87    23.17    22.67   433.98   517.44   499.07   496.05   515.80   492.09   490.57
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TIME	0	1	2	3	4	5	6	7	8	9	10	11	12	13
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230.	435.35	451.67	368.09	60.93	24.92	23.63	22.67	436.28	518.14	501.43	498.33	500.49	495.24	492.62
235.	454.28	440.71	391.90	45.44	23.97	23.02	22.55	437.72	518.04	495.58	497.30	497.86	491.90	479.30
240.	431.39	451.19	364.19	57.44	23.77	23.27	22.65	440.39	542.86	493.25	499.28	499.52	494.05	474.65
245.	453.09	440.00	391.67	44.32	23.72	23.27	23.27	452.52	529.77	497.91	492.79	492.56	492.62	492.86
250.	451.90	433.26	383.81	35.78	24.85	23.57	22.90	453.09	515.71	493.72	491.39	496.28	500.40	500.00
255.	459.28	439.30	381.43	39.90	23.95	23.10	22.90	451.69	522.32	497.21	500.95	493.95	498.33	496.43
260.	460.95	434.42	394.05	36.63	23.65	23.02	22.52	455.24	524.68	497.44	513.81	516.90	499.05	479.53
265.	435.58	438.37	402.14	36.00	24.22	22.63	22.47	457.38	518.60	498.60	496.51	515.95	512.62	499.53
270.	435.12	438.60	396.90	34.95	23.85	23.32	22.80	456.43	548.09	513.33	499.07	516.67	512.14	512.38
275.	455.95	436.90	403.81	34.61	24.67	22.92	22.85	459.28	527.21	514.76	513.33	515.00	498.60	512.38
280.	458.81	437.21	391.19	56.10	24.88	24.07	22.90	458.33	520.00	514.05	500.00	516.90	512.14	519.52
285.	453.25	453.57	409.52	40.05	24.02	23.37	22.50	450.70	543.33	513.81	499.07	515.00	493.84	514.05
290.	433.02	437.44	399.76	40.10	24.70	23.27	22.50	452.56	518.14	513.33	512.38	518.33	496.98	495.12
295.	430.93	440.23	387.38	36.39	23.75	23.30	22.60	453.02	523.25	512.86	512.86	515.95	493.95	494.88
300.	453.49	433.26	391.90	42.78	24.13	23.45	22.80	453.25	527.44	511.63	521.67	511.06	499.30	499.53
305.	454.65	435.81	403.02	65.33	24.20	23.35	23.17	452.32	511.86	519.52	517.62	518.33	500.00	495.35
310.	440.00	438.60	403.57	51.44	23.95	23.27	23.10	455.12	520.93	514.76	513.57	516.19	497.67	498.84
315.	458.14	431.16	404.42	48.54	23.90	23.22	23.25	454.42	542.79	519.28	518.09	515.49	494.42	500.95
320.	464.19	431.39	402.79	56.61	23.92	23.52	23.17	453.02	529.30	515.00	513.57	512.86	501.43	496.43
325.	434.42	433.49	408.81	49.51	24.27	23.97	23.05	456.20	523.95	517.62	514.05	515.49	495.01	497.21
330.	455.35	455.00	404.52	52.58	23.82	23.25	23.35	456.05	517.62	498.84	513.57	520.95	513.81	497.21
335.	451.63	453.81	402.86	47.44	24.88	23.55	23.30	454.65	519.77	499.53	497.21	513.57	499.30	514.85
340.	459.52	433.72	398.81	42.15	24.35	23.37	23.13	456.98	518.84	519.28	513.09	516.19	496.05	499.52
345.	456.67	440.00	406.19	52.98	25.17	23.47	22.95	456.98	512.79	512.86	499.30	513.57	495.81	495.12
350.	451.19	458.81	410.48	42.78	24.55	24.35	23.25	459.07	516.05	518.33	512.86	514.52	493.95	495.12
355.	456.98	454.65	390.95	36.76	23.45	23.37	22.65	460.23	516.51	517.62	515.48	517.06	515.24	515.00
360.	458.57	454.28	403.49	103.15	23.87	23.47	22.70	459.53	517.44	514.28	514.28	515.71	495.35	493.25
365.	457.91	458.33	409.76	73.61	24.25	23.80	22.72	456.98	515.58	516.19	515.24	514.05	494.19	492.09
370.	451.19	439.30	403.57	52.98	23.72	23.40	22.60	459.30	543.09	519.52	517.14	516.43	493.72	494.42
375.	452.09	438.84	366.98	58.34	23.47	23.47	22.82	460.46	520.23	521.67	518.81	517.06	515.48	500.00
380.	452.79	459.76	403.57	58.71	23.85	23.13	22.77	457.67	520.46	498.84	512.62	514.76	497.21	495.35
385.	451.43	439.07	407.67	57.68	23.35	23.40	23.15	461.86	545.71	515.48	514.52	517.38	497.44	500.00
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395.	451.16	436.05	401.39	50.15	24.57	23.72	23.35	458.14	521.43	515.00	520.24	515.00	497.67	497.21
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405.	453.72	458.57	406.90	41.51	24.13	23.57	22.97	462.56	529.53	510.23	515.95	520.24	498.14	497.21
410.	454.52	431.39	398.09	37.15	24.63	23.32	22.90	462.79	517.44	516.67	513.09	514.76	493.49	493.49
415.	455.58	438.14	404.52	36.02	24.80	23.27	23.00	462.09	527.67	515.71	500.00	514.52	496.05	492.32
420.	452.09	460.71	400.24	35.00	23.47	23.13	23.40	462.32	517.44	510.23	518.81	510.46	518.09	492.79
425.	452.14	431.16	395.48	35.17	23.55	23.77	23.15	462.32	517.91	518.57	497.21	512.14	494.19	501.67
430.	457.67	459.28	402.09	48.24	23.80	23.25	23.05	462.09	526.05	521.67	521.90	511.16	514.20	512.86
435.	432.79	453.09	408.84	40.05	23.77	23.35	22.85	455.58	518.14	517.86	517.14	514.76	495.51	513.09
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445.	440.00	434.42	408.09	44.76	24.45	23.77	23.37	457.79	521.86	518.81	499.77	498.37	493.95	493.72
450.	440.23	433.26	403.49	37.02	24.00	23.67	23.10	462.37	518.01	499.53	494.08	495.95	501.43	492.09
455.	460.48	454.52	400.95	33.73	23.67	23.67	22.90	460.93	520.60	493.25	494.42	499.53	494.19	491.35
460.	452.09	437.86	392.38	36.56	23.87	23.47	22.82	458.60	521.45	496.74	495.01	498.60	497.21	492.79
465.	457.14	459.52	400.95	40.76	24.55	23.10	22.70	459.77	520.71	496.74	493.49	493.95	495.24	497.62
470.	460.24	430.93	394.76	52.39	23.87	23.77	22.70	459.30	513.25	514.05	494.65	495.35	490.70	496.33

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PRC17-W-4-1/4                                                                            PAGE     3
TIME        0        1        2        3        4        5        6        7        8        9       10       11       12       13
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 500.   435.35   434.28   401.90    35.19    23.57    23.40    23.02   456.43   495.35   493.57   479.07   492.06   476.51   476.98
 505.   435.95   432.14   396.19    51,98    23.75    23.67    23.13   454.76   497.14   476.51   474.00   479.30   473.49   472.32
 510.   437.86   421.43   381.19    38.44    23.77    23.95    23.25   452.14   494.76   472.32   472.56   473.49   471.39   460.60
 515.   432.86   409.30   383.57    41.22    24.45    23.07    23.45   437.53   494.52   471.06   469.53   470.23   465.35   456.74
 520.   430.00   410.93   360.14    35.24    23.60    23.13    22.77   434.63   495.55   465.12   462.56   456.99   452.32   456.28
 525.   410.70   405.74   386.90    55.34    23.60    23.13    22.85   432.09   493.57   462.09   462.79   458.72   452.32   457.67
 530.   426.19   409.53   394.76    40.54    22.92    23.00    23.42   438.21   460.04   450.84   457.91   459.77   456.90   453.02
 535.   408.84   408.14   388.81    39.90    22.80    22.90    23.00   435.43   457.44   455.81   454.65   455.59   451.63   459.76
 540.   407.21   409.05   385.71    35.27    23.25    22.88    23.70   430.64   458.04   456.51   455.01   456.90   450.70   451.16
 545.   405.81   403.72   382.14    33.73    23.67    23.15    22.57   428.67   457.44   458.33   456.19   457.38   454.05   440.46
 550.   408.37   401.90   346.15    33.49    23.57    23.67    22.70   424.36   456.28   458.33   452.62   455.71   455.00   456.19
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 570.   398.57   385.95   364.31    32.83    23.72    22.97    22.67   409.64   437.49   434.28   434.36   434.49   433.21   430.55
 575.   393.81   382.86   350.21    30.00    23.47    22.72    22.47   405.50   436.44   434.26   433.33   436.93   436.40   428.31
 580.   395.95   384.52   361.59    31.73    23.85    22.77    22.70   401.59   431.72   434.38   432.86   433.02   430.57   426.59
 585.   393.09   386.67   350.29    32.15    23.13    22.92    22.67   398.33   434.93   433.36   428.98   429.19   425.62   409.07
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 615.   367.71   356.59   293.88    30.90    23.63    22.88    23.50   367.98   404.59   402.93   399.08   399.83   396.98   395.31
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 625.   363.64   356.74   340.80    30.85    23.27    23.07    22.77   370.21   394.01   395.48   393.52   397.76   396.74   395.31
 630.   360.55   351.57   318.52    39.51    23.22    23.10    22.95   365.55   393.12   392.38   380.76   391.08   390.33   384.07
 635.   356.19   348.98   315.09    34.61    23.17    23.10    23.22   361.19   384.40   384.55   371.49   382.07   383.76   381.59
 640.   350.29   346.41   317.29    30.54    23.40    22.97    22.72   357.86   370.53   369.86   365.12   360.58   369.65   367.65
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 665.   326.07   313.02   243.63    29.15    23.40    23.40    23.45   347.46   354.55   353.36   340.17   350.19   349.83   346.14
 670.   324.45   317.09   239.66    29.60    24.00    23.13    22.47   343.32   350.12   349.74   345.52   344.59   344.76   341.83
 675.   320.21   313.33   223.95    29.46    23.90    22.97    33.20   339.63   344.50   344.24   340.71   341.33   340.89   345.63
 680.   311.24   313.15   240.07    29.88    23.77    22.52    22.65   327.64   346.51   346.44   342.66   343.90   340.08   330.12
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 690.   311.27   305.32   228.27    29.45    22.60    22.92    23.07   321.71   330.09   329.88   325.86   327.71   327.62   324.88
 695.   310.93   304.07   225.97    29.05    22.80    22.92    22.77   318.90   325.45   327.33   324.21   325.19   325.14   321.88
 700.   307.02   301.73   236.05    28.32    22.80    22.92    22.75   315.67   320.02   322.24   319.50   320.57   320.03   318.74
 705.   303.29   291.43   226.65    28.35    23.25    22.70    22.88   313.00   316.90   319.12   316.40   317.31   317.40   315.31
 710.   292.62   294.56   228.15    28.60    22.85    22.67    22.57   317.98   313.90   315.86   312.50   312.06   313.40   311.05
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PRC17-W-4-1/4                                                                          PAGE    4
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 735.    282.83    260.05    185.20     27.60     22.55     22.72     22.67   307.49    308.66    308.76    293.98    292.81    297.41    289.68
 740.    279.58    262.83    166.25     27.75     23.67     23.72     22.60   305.37    306.12    304.46    297.51    295.27    292.49    290.12
 745.    275.58    254.56    182.67     27.55     22.95     22.80     22.52   303.27    303.19    302.76    295.56    293.07    292.90    283.90
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 755.    271.39    245.61    182.35     27.45     23.02     22.77     22.82   292.00    296.90    295.90    290.27    286.83    285.41    279.88
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 765.    265.95    237.78    174.10     27.35     22.82     22.80     23.35   295.49    292.22    291.98    285.41    282.89    281.29    277.34
 770.    262.90    244.29    179.30     27.25     22.72     22.75     23.13   293.71    287.54    290.17    283.37    282.24    281.07    273.88
 775.    262.02    241.34    179.70     28.35     23.05     22.88     22.47   291.95    288.44    287.49    281.00    279.00    278.68    271.54
 780.    256.46    242.44    201.40     27.35     23.15     22.65     22.67   290.29    285.76    284.98    270.00    276.90    275.90    270.78
 785.    256.93    233.44    181.20     27.10     23.05     22.77     22.55   288.61    282.54    280.93    273.63    271.78    273.83    264.78
 790.    251.07    234.34    184.65     27.05     25.72     23.22     22.82   287.00    282.56    280.56    271.76    269.49    271.90    263.63
 795.    256.51    232.10    166.45     27.02     23.30     22.60     22.27   285.51    282.22    279.34    272.68    269.27    271.46    261.71
 800.    247.12    232.32    170.72     26.52     22.72     22.82     22.95   283.80    262.41    278.90    269.02    266.07    267.19    256.93
 805.    242.27    223.22    169.25     26.60     23.13     22.52     22.80   282.32    280.78    275.76    268.60    264.41    259.51    252.12
 810.    250.68    227.47    147.10     26.77     23.03     23.00     22.32   280.85    276.10    274.54    267.22    262.05    256.63    247.15
 815.    242.22    223.92    148.88     27.38     23.80     22.88     22.60   279.46    274.98    272.93    265.12    257.98    255.05    246.73
 820.    241.05    217.10    140.80     27.57     22.75     22.85     22.92   278.05    272.63    271.51    262.27    255.05    255.80    246.05
 825.    241.24    221.17    161.00     26.77     22.47     22.72     22.92   276.71    272.46    270.39    259.22    254.90    253.46    241.80
 830.    241.80    217.57    177.55     26.07     22.57     22.63     22.42   275.39    270.71    268.00    259.37    253.49    252.46    240.34
 835.    234.54    218.22    161.52     26.52     23.30     22.30     22.32   274.15    268.00    266.63    257.00    249.58    249.58    239.98
 840.    231.39    218.22    154.32     26.45     22.70     22.47     22.50   272.00    266.32    265.58    255.12    247.12    249.05    238.61
 845.    237.78    218.37    162.20     26.15     23.05     23.30     22.55   271.76    266.05    264.83    253.80    245.15    249.85    238.66
 850.    232.22    206.37    149.67     26.85     22.77     23.20     23.17   270.37    263.73    261.07    251.37    243.66    245.05    236.07
 855.    236.98    207.05    141.20     27.25     22.65     22.97     23.05   269.27    263.50    260.73    251.17    247.59    244.95    239.66
 860.    230.46    206.10    168.67     26.55     23.17     22.90     22.30   268.24    263.70    260.41    252.34    243.24    243.70    232.76
 865.    229.27    203.95    160.75     26.35     23.10     22.70     22.05   267.12    262.73    257.95    247.56    242.61    244.78    235.39
 870.    228.22    216.37    165.07     26.17     25.52     22.97     23.10   265.78    258.19    257.54    245.56    242.98    246.05    234.61
 875.    231.63    203.49    159.38     26.05     25.55     22.02     22.52   264.90    258.41    254.73    248.24    241.78    243.41    237.32
 880.    231.45    200.73    146.97     26.35     22.95     22.67     22.42   263.98    259.32    255.29    246.44    240.10    249.93    232.95
 885.    228.41    200.44    151.27     26.52     23.09     22.52     22.20   262.85    255.93    254.29    242.60    236.00    240.85    238.37
 890.    231.30    206.56    135.27     26.77     22.70     22.70     22.30   261.88    256.24    253.41    242.05    237.32    242.90    232.45
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PRC17-W-4-1/4                                                              PAGE     5
TIME     14       15       16       17       18       19       20       21       22       23       24       25       26       27
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   0.    23.40    24.25    23.77    23.55    23.55    22.32    22.72    22.47    22.27    23.95    26.05    22.15    22.12    22.27
   0.    23.40    24.25    23.82    23.52    23.47    23.07    22.63    22.42    22.27    23.92    26.00    22.10    22.07    22.20
   0.    23.40    24.22    23.80    23.65    23.52    23.07    22.77    22.50    22.25    23.90    26.07    22.10    22.12    22.32
   0.    23.42    24.17    23.82    23.65    23.47    23.10    22.85    22.35    22.25    23.85    26.07    22.17    22.25    22.25
   0.    23.45    24.27    23.82    23.65    23.47    23.05    22.92    22.42    22.30    24.00    26.07    22.25    22.27    22.27
   5.    30.68    32.05    28.65    25.72    24.40    22.85    23.75    23.25    22.77    24.07    29.80    22.02    22.75    22.57
  10.    38.17    38.10    32.34    29.98    25.80    24.45    24.13    23.35    22.95    24.38    33.02    22.85    22.85    22.65
  15.    46.83    49.29    39.32    38.00    28.65    25.27    24.52    23.47    23.05    24.75    35.37    22.97    22.85    22.67
  20.    54.98    58.17    48.22    43.19    32.83    26.09    24.60    23.57    23.30    25.15    39.39    23.05    23.10    22.70
  25.    58.79    60.09    56.24    47.73    35.07    27.55    25.00    23.80    23.42    25.80    42.49    23.27    23.15    22.72
  30.    76.07    79.43    59.50    53.95    41.95    29.27    25.27    24.05    23.55    26.63    46.88    23.27    23.25    22.77
  35.    92.81    97.52    73.41    59.80    45.10    34.32    26.00    24.70    23.95    27.82    58.15    23.57    23.50    22.88
  40.   115.83   119.24    83.64    73.80    48.44    40.95    29.07    25.15    24.02    29.80    64.29    23.40    23.52    22.97
  45.   140.20   145.15   102.17    84.14    53.05    40.39    30.24    26.47    24.57    31.15    73.61    24.30    24.47    23.13
  50.   165.92   162.10   125.34    90.26    59.79    41.07    30.27    26.72    25.22    33.49    80.19    25.30    25.10    23.32
  55.   190.67   190.52   144.52   118.45    62.36    41.95    31.80    28.30    26.70    36.32    88.50    26.45    27.02    23.72
  60.   206.80   218.15   172.22   142.45    72.66    47.02    31.07    29.15    28.20    40.80   103.12    26.82    27.32    24.30
  65.   230.29   240.68   203.44   170.10    89.43    51.07    32.61    29.93    28.92    45.00   113.37    28.67    28.85    24.62
  70.   246.41   246.37   221.30   188.20    94.40    58.05    35.85    32.34    30.24    52.15   134.37    29.55    29.78    25.55
  75.   302.63   286.80   236.61   198.76   113.90    62.69    41.80    34.56    31.56    58.38   155.95    31.05    31.66    26.27
  80.   324.59   291.86   264.15   228.58   136.27    78.37    49.44    36.39    34.61    71.07   167.17    32.61    33.66    27.20
  85.   345.88   319.17   294.56   254.41   154.75    83.88    53.46    42.46    38.51    84.02   191.05    35.10    36.12    28.52
  90.   365.12   342.85   306.32   273.61   155.72    95.59    59.98    45.27    41.46    96.52   199.05    39.00    40.68    29.92
  95.   371.12   348.19   330.24   304.07   181.22   106.93    60.24    52.17    44.83   115.24   220.60    42.71    47.19    30.54
 100.   382.86   369.79   344.43   315.46   217.70   116.61    64.21    56.46    48.76   128.98   220.95    45.22    46.71    32.44
 105.   404.29   367.91   351.02   310.63   201.56   122.37    70.80    59.33    53.95   143.52   245.41    47.54    53.02    34.34
 110.   407.14   386.43   355.40   317.62   234.05   128.88    79.10    61.29    57.98   153.85   262.73    49.95    52.34    36.63
 115.   401.39   393.57   365.93   344.80   250.66   142.17    82.29    59.83    55.61   164.00   275.63    49.93    52.24    38.54
 120.   425.00   407.62   370.70   342.26   260.22   146.52    83.21    64.86    57.39   171.67   291.76    52.98    54.24    40.27
 125.   432.62   399.28   370.24   341.07   246.41   148.72    96.52    66.00    64.17   172.22   295.56    56.61    56.68    42.37
 130.   433.33   408.09   380.95   350.12   250.49   157.88    96.55    66.09    60.36   182.95   305.61    56.58    59.26    44.00
 135.   431.16   409.77   385.48   361.90   262.49   157.65   102.73    76.49    65.12   183.95   315.39    60.31    64.24    45.70
 140.   433.95   409.52   382.14   354.99   257.85   152.95    91.83    79.86    67.57   192.20   319.29    60.57    63.36    48.17
 145.   438.57   407.44   394.52   366.51   273.95   168.50   102.27    83.86    72.29   194.02   324.71    64.26    66.62    50.61
 150.   425.00   409.77   397.38   359.19   269.98   170.57   109.61    83.71    71.73   200.65   343.37    60.12    62.45    52.49
 155.   451.90   432.62   401.67   363.24   256.46   169.07    96.59    83.00    75.10   201.63   340.55    70.24    72.85    54.02
 160.   439.76   407.67   409.28   380.95   270.29   174.57   103.88    83.29    79.67   201.61   344.05    76.00    77.19    56.22
 165.   435.95   410.23   405.00   363.26   271.78   170.35   105.49    83.76    77.71   202.12   351.17    67.48    72.78    58.17
 170.   436.28   431.43   404.42   401.19   308.76   165.65   101.90    87.05    81.26   205.98   356.93    72.19    75.88    58.52
 175.   460.48   455.00   427.14   395.00   296.29   175.65   110.07    89.33    81.36   217.60   366.64    79.44    80.38    60.07
 180.   454.28   433.09   407.67   365.81   276.12   186.47   110.68    88.57    83.36   217.80   360.29    78.50    78.24    62.24
 185.   456.67   435.58   406.28   382.62   286.68   179.45   109.61    93.67    80.64   226.50   361.84    77.88    78.78    63.36
 190.   431.16   433.81   406.28   391.19   292.32   185.20   116.39    97.36    85.36   226.57   367.26    77.95    79.55    64.57
 195.   454.52   434.88   421.67   392.86   303.44   179.88   111.78    93.67    90.31   231.20   381.26    82.06    84.69    66.17
 200.   458.57   457.86   439.77   434.76   304.41   183.75   115.54    95.57    90.29   230.85   388.50    82.29    81.33    67.67
 205.   463.49   451.16   435.48   409.05   293.83   188.57   116.98    96.81    90.59   228.22   394.21    81.52    83.50    70.32
 210.   470.93   438.37   432.86   410.93   290.22   187.72   122.00    97.59    93.88   230.72   396.06    82.43    84.26    71.85
 215.   471.63   451.16   433.49   434.76   308.76   185.07   120.90    97.14    96.29   232.56   400.81    88.00    89.33    73.58
 220.   474.19   456.05   432.09   425.24   304.90   190.82   121.54    97.36   101.32   240.00   404.83    95.12   100.41    75.05
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TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
225.	462.32	455.35	456.19	436.19	311.68	190.32	120.85	102.10	94.95	249.17	410.40	90.33	91.26	76.93
230.	473.49	464.19	440.23	434.05	317.55	193.65	119.90	104.98	102.71	240.85	408.19	96.19	95.95	78.68
235.	476.05	472.32	455.24	425.71	320.71	190.47	119.78	105.37	106.27	237.61	402.77	94.59	95.38	78.74
240.	460.70	452.56	433.02	407.62	318.00	198.00	126.49	106.44	105.98	247.02	405.21	93.98	94.50	80.00
245.	468.60	458.37	432.09	405.71	314.73	218.60	137.25	106.61	97.40	249.88	406.70	80.52	89.40	80.76
250.	476.98	458.37	436.98	409.77	319.40	213.60	133.90	107.98	103.10	252.32	409.72	90.31	93.88	81.14
255.	496.19	463.02	433.02	425.95	328.17	215.80	138.07	110.78	110.63	253.93	409.67	97.19	100.39	81.81
260.	465.12	465.35	440.46	426.67	313.71	209.00	127.41	113.68	111.70	254.15	423.52	104.05	100.54	82.93
265.	490.93	479.53	460.93	439.76	310.57	201.47	134.90	112.24	111.12	260.49	425.09	106.08	102.12	83.90
270.	493.25	476.28	454.65	426.67	324.79	216.45	133.62	110.37	110.17	264.27	426.12	93.33	101.46	84.52
275.	501.67	475.81	455.95	435.00	314.79	215.50	135.17	111.68	111.56	267.07	429.02	95.90	101.22	84.67
280.	493.25	469.77	455.24	406.05	342.02	217.15	138.30	120.83	114.63	267.83	431.29	112.54	117.66	84.86
285.	501.67	471.39	455.71	435.48	324.95	220.40	143.40	123.66	119.58	266.98	431.29	103.71	107.61	86.45
290.	478.14	470.00	454.42	440.23	339.58	201.71	138.30	117.41	118.05	266.39	432.98	102.58	106.49	87.81
295.	495.71	478.37	460.00	438.37	357.62	221.42	145.02	118.63	113.24	272.63	436.48	103.73	103.37	89.14
300.	498.57	479.30	458.37	437.62	345.86	219.52	140.30	123.66	118.61	273.02	438.26	125.61	123.85	90.14
305.	495.24	467.44	458.09	422.38	339.37	223.47	139.45	120.34	120.95	272.10	438.83	105.90	107.44	91.43
310.	496.05	479.77	456.67	425.71	322.64	223.60	147.88	120.51	114.56	277.10	439.76	104.07	108.39	91.90
315.	477.67	457.67	457.62	421.19	342.85	231.22	147.47	122.56	116.24	283.54	439.45	107.44	106.66	92.45
320.	477.21	475.35	453.25	426.43	340.31	205.66	143.47	124.49	122.27	282.37	440.09	109.71	103.44	93.38
325.	491.63	468.84	454.05	421.43	340.93	207.83	145.77	123.49	121.02	281.88	431.70	111.50	115.88	94.45
330.	491.90	472.56	454.19	425.00	312.40	213.77	146.02	124.05	135.65	281.63	433.65	116.07	124.22	95.67
335.	501.67	466.51	457.62	439.52	341.39	220.90	141.52	123.83	123.17	284.68	434.93	108.00	110.61	96.29
340.	477.67	468.37	454.42	440.48	326.83	216.75	149.37	121.78	124.90	280.32	433.70	113.78	117.88	96.86
345.	480.00	473.02	452.32	439.29	343.15	220.95	145.80	125.90	121.98	286.44	435.77	113.19	118.15	97.24
350.	478.37	474.19	452.79	436.19	356.43	221.00	140.12	123.32	137.07	285.83	435.32	113.15	130.41	97.52
355.	495.81	497.86	460.70	436.28	353.24	232.10	156.05	129.95	128.27	288.24	436.51	110.98	121.73	100.37
360.	478.14	471.86	457.67	436.74	349.51	221.77	147.05	126.32	128.07	288.56	437.26	117.17	120.98	101.17
365.	495.00	476.51	458.14	435.00	341.24	222.85	150.25	128.78	134.05	283.83	437.12	118.10	119.34	103.05
370.	492.14	471.39	456.05	435.81	340.15	220.35	152.35	126.68	129.37	285.76	437.67	119.51	117.63	104.12
375.	499.76	475.58	463.72	455.12	348.24	225.75	151.15	129.49	134.92	291.15	438.91	117.32	115.98	105.29
380.	501.19	494.92	462.56	432.56	340.62	237.07	160.07	133.65	135.58	292.71	450.98	122.82	119.27	106.27
385.	500.95	479.30	455.58	452.62	355.24	230.22	164.88	141.40	139.13	294.63	451.57	121.58	120.58	106.78
390.	493.09	474.88	459.77	436.28	352.81	232.40	163.97	141.02	136.32	283.95	439.35	110.66	128.29	107.49
395.	492.79	499.52	463.72	439.07	347.09	222.77	156.02	139.35	138.20	291.44	451.09	121.46	120.88	108.21
400.	498.09	470.46	459.53	433.95	352.09	231.63	161.13	137.22	136.13	297.58	440.32	117.95	125.22	109.19
405.	490.33	491.28	465.81	[illegible]	[illegible]	231.37	171.27	[illegible]	144.70	292.26	453.19	[illegible]	125.39	109.37
410.	499.52	495.00	457.21	436.19	335.43	[illegible]	151.92	142.60	139.05	295.79	453.09	[illegible]	135.97	110.61
415.	492.38	475.28	465.12	456.67	340.71	231.85	156.00	130.05	127.05	296.73	453.93	115.95	125.41	111.41
420.	497.14	472.79	456.98	436.19	349.56	231.32	152.95	140.00	142.12	292.34	453.57	121.32	135.15	111.10
425.	493.09	475.35	455.58	439.57	360.55	221.27	155.02	140.02	141.15	290.74	454.05	121.90	125.90	111.61
430.	496.67	472.79	462.32	431.16	350.31	221.93	155.77	134.02	140.00	295.41	453.01	124.10	127.27	111.80
435.	497.86	468.37	456.98	432.86	364.75	231.40	151.50	136.05	139.25	293.50	454.26	135.22	137.40	112.17
440.	479.07	473.49	461.16	434.19	359.05	230.73	162.00	141.72	141.40	294.56	453.01	141.60	135.70	113.17
445.	494.05	473.49	456.28	435.81	351.57	222.47	155.20	139.42	142.75	293.32	454.52	123.51	121.00	113.56
450.	500.24	491.90	457.21	432.14	354.76	249.27	169.25	138.27	144.32	297.22	455.24	120.45	121.27	114.02
455.	492.86	493.01	451.63	431.67	354.52	249.22	160.80	138.57	144.85	291.03	454.52	123.44	133.95	115.12
460.	478.14	475.35	458.37	432.32	351.12	230.93	162.67	142.22	141.70	295.22	454.07	119.63	128.12	117.83
465.	477.91	475.01	463.95	440.46	341.03	234.59	162.30	141.57	147.72	293.74	453.64	129.05	136.07	120.46
470.	479.07	461.63	460.48	440.24	361.43	233.54	161.20	145.60	145.60	301.71	451.81	135.35	136.82	123.05

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PRC17-W-4-1/4                                                            PAGE     7
TIME      14        15        16        17        18        19        20        21        22        23        24        25        26        27
 475.   479.77    495.48    461.16    439.05    345.83    238.02    166.75    142.85    142.22    297.80    439.79    127.32    129.95    125.39
 480.   500.00    469.53    451.86    432.86    353.24    231.68    168.70    144.47    141.50    294.12    439.37    137.30    133.30    127.46
 485.   469.07    461.16    457.62    430.71    352.07    232.29    151.75    143.00    149.95    302.34    436.07    135.00    134.10    129.46
 490.   463.25    459.07    456.43    433.57    358.33    231.19    162.05    142.75    147.17    297.51    435.00    134.47    149.13    134.50
 495.   467.67    460.70    454.52    410.70    353.95    238.34    174.02    147.05    140.08    291.49    433.90    134.45    137.67    136.17
 500.   462.32    451.63    436.74    406.74    353.14    235.54    160.42    142.52    143.05    287.76    431.08    130.65    135.13    137.72
 505.   456.98    456.90    434.42    405.58    348.17    227.30    157.67    141.82    139.97    290.71    439.90    137.02    139.02    139.17
 510.   456.98    460.48    430.70    403.26    341.14    236.15    161.22    142.40    137.70    292.10    436.62    125.03    124.88    140.60
 515.   451.63    451.90    439.29    403.02    342.27    234.44    164.09    140.49    135.03    286.12    433.17    130.08    136.25    141.72
 520.   454.76    438.14    436.90    405.71    343.00    226.92    160.15    138.30    140.47    292.51    429.64    123.85    120.00    142.90
 525.   453.57    436.51    429.52    406.90    340.95    221.95    154.00    135.35    136.00    289.19    427.00    124.38    124.02    143.95
 530.   456.19    453.33    433.81    398.57    323.95    220.35    158.17    139.15    138.00    282.44    425.52    126.71    134.35    144.80
 535.   452.38    440.23    427.62    397.86    310.69    229.76    156.02    139.67    137.05    274.71    423.05    110.44    126.90    145.70
 540.   452.38    440.48    420.95    386.19    317.05    233.19    164.00    139.63    134.65    281.61    409.86    110.66    121.03    146.47
 545.   435.58    438.81    408.14    389.52    316.24    228.95    162.40    139.50    134.00    273.95    405.98    119.19    127.78    147.27
 550.   439.30    435.12    409.07    391.67    306.15    225.80    154.77    137.38    134.65    272.93    404.26    124.02    129.17    147.97
 555.   436.43    428.81    401.16    380.95    317.51    204.71    152.80    124.27    128.29    272.58    409.86    117.63    116.03    148.80
 560.   435.71    431.43    405.71    369.30    312.38    222.25    153.42    133.27    124.66    273.71    407.43    112.00    112.12    149.92
 565.   423.88    409.14    404.64    365.30    317.98    226.30    155.20    135.85    126.15    271.19    404.02    110.34    117.63    150.92
 570.   427.76    410.56    400.05    371.63    310.58    226.40    155.07    136.25    129.98    267.90    399.90    122.56    127.05    151.72
 575.   421.79    409.56    399.17    362.07    316.76    226.25    155.05    133.35    125.29    259.68    396.00    115.63    117.02    152.65
 580.   409.07    405.26    397.71    362.58    314.71    219.85    154.30    133.92    123.88    260.93    394.21    113.37    116.49    153.32
 585.   401.95    407.57    394.38    369.07    291.02    224.05    151.65    124.22    124.19    260.10    390.57    121.76    118.68    153.85
 590.   405.07    407.59    390.59    360.59    295.00    203.66    154.75    129.22    120.19    255.68    387.50    116.56    114.44    154.35
 595.   401.44    402.31    388.17    359.09    296.07    217.17    146.95    125.68    124.66    249.49    383.90    115.41    110.61    154.85
 600.   407.09    399.52    381.07    355.31    291.90    203.56    146.02    121.37    121.19    248.34    370.74    117.66    113.78    155.32
 605.   399.28    391.74    368.53    352.02    268.02    195.85    144.30    118.46    121.32    249.54    367.98    115.54    115.46    155.62
 610.   387.45    382.21    363.09    340.43    262.05    200.95    150.67    118.27    119.68    247.39    364.37    114.66    114.56    155.95
 615.   390.05    371.51    361.77    346.93    260.27    195.05    141.50    120.44    116.83    244.51    369.71    108.88    112.68    156.07
 620.   386.95    386.81    366.24    342.07    279.37    205.76    138.32    119.58    113.44    245.61    367.14    107.71    108.85    156.38
 625.   393.07    385.26    366.14    327.95    285.90    196.95    144.10    123.27    114.34    241.02    364.33    117.41    117.24    156.38
 630.   368.77    367.95    353.17    328.26    275.71    203.95    139.05    120.56    112.12    243.29    360.40    104.34    107.63    156.50
 635.   369.44    365.17    347.79    316.86    259.15    194.35    148.02    126.76    116.51    233.60    355.79    106.29    111.22    156.42
 640.   363.07    366.33    344.95    323.33    239.88    194.22    141.47    123.12    121.02    229.22    351.95    100.78    119.76    156.42
 645.   361.24    359.07    345.98    322.67    236.73    190.70    140.57    119.17    115.32    229.85    348.67    103.39    110.12    156.52
 650.   360.09    355.43    343.57    315.48    247.00    200.60    140.38    115.02    115.85    229.24    345.12    108.15    108.05    156.60
 655.   358.24    355.74    348.54    316.58    251.17    221.32    162.92    122.80    116.49    229.22    341.09    115.58    113.34    156.70
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 665.   341.33    343.39    321.17    295.63    255.41    229.30    170.42    143.72    111.29    217.80    342.00    111.37    106.95    156.57
 670.   348.51    346.51    317.62    291.02    266.39    226.65    173.05    139.45    117.63    219.10    330.05    110.15    116.61    156.25
 675.   343.32    329.26    309.98    287.44    252.78    220.27    166.20    137.07    115.76    214.20    326.29    120.32    114.61    156.05
 680.   329.86    326.69    313.73    281.17    247.76    229.50    178.37    129.56    108.07    205.56    322.67    110.15    105.22    156.05
 685.   325.48    321.88    307.46    279.58    245.17    219.52    173.40    125.34    112.17    203.07    319.79    107.03    107.58    156.00
 690.   323.59    321.36    306.71    273.19    236.00    217.45    164.00    126.51    112.27    206.32    316.55    113.60    112.90    156.02
 695.   319.14    315.64    302.37    270.54    232.57    215.42    165.38    121.02    107.10    202.49    313.00    105.60    104.46    155.95
 700.   315.31    317.61    296.07    266.98    228.56    200.66    162.22    117.05    108.95    201.05    311.14    109.51    110.19    155.85
 705.   312.50    309.63    295.32    264.10    229.57    196.85    152.85    119.44    104.66    200.41    316.22     97.02    100.39    155.80
 710.   314.27    306.34    289.44    257.85    226.88    193.90    154.72    118.58    100.00    199.77    313.39    103.27    108.73    155.65
 715.   313.27    306.88    289.56    250.68    222.88    192.00    153.92    118.46    108.12    199.68    311.02    103.58    104.39    155.35
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PRC17-W-4-1/4                                                                              PAGE     8
TIME      14        15        16        17        18        19        20        21        22        23        24        25        26        27
 725.   292.74    287.95    275.78    252.05    221.50    192.77    141.17    110.29     95.45    191.15    306.44     94.90     94.31    154.85
 730.   291.80    281.39    267.51    250.49    224.00    185.67    130.82    113.88     96.17    189.50    304.07     97.40     96.59    154.42
 735.   280.29    278.15    273.15    247.56    222.25    188.42    135.82    117.95     95.26    188.37    294.24    101.95     94.02    154.05
 740.   285.39    278.90    257.76    249.10    219.02    180.87    125.63    112.07     93.55    184.67    291.93    100.34     93.02    153.57
 745.   277.76    268.73    262.05    245.07    223.55    178.15    126.85    109.17     95.43    189.00    296.85     95.76     95.40    153.05
 750.   277.80    265.80    252.63    241.56    204.58    173.15    124.80    106.93     94.50    185.17    294.58     90.21     91.74    152.63
 755.   274.10    266.29    250.32    232.63    219.30    181.75    124.98    105.15     95.02    186.95    292.70     94.40     94.00    152.07
 760.   271.32    262.46    250.68    236.58    204.32    178.00    121.10    103.34    100.61    184.20    290.49     96.24     96.17    151.50
 765.   266.00    255.46    250.41    238.83    201.29    185.40    124.07    106.71     96.76    181.65    288.61     94.64     91.64    150.95
 770.   267.73    254.00    249.58    235.12    198.49    168.13    120.02    106.15     93.79    179.30    286.70     93.21     94.40    150.42
 775.   265.37    253.29    246.00    232.02    206.12    176.82    119.24    102.71     94.02    181.02    285.05     94.05     91.26    149.80
 780.   263.32    252.56    244.32    228.37    207.39    161.40    119.61    102.61     91.19    173.70    283.32     87.98     86.19    149.07
 785.   262.00    251.27    237.93    227.72    197.02    161.30    116.41    101.07     93.74    173.75    281.49     89.33     91.40    148.63
 790.   260.95    249.05    234.56    229.40    199.98    163.87    118.19     97.50     86.52    175.72    280.02     84.67     84.49    147.92
 795.   254.27    243.05    237.34    220.60    205.78    164.60    114.83    101.12     89.69    170.80    278.19     88.17     87.45    147.35
 800.   251.37    239.95    232.90    221.75    200.32    164.95    116.32     96.43     92.90    168.40    276.56     87.40     91.71    146.67
 805.   246.98    233.15    230.07    221.02    201.17    160.00    112.07     97.14     90.88    170.77    275.15     88.12     87.50    146.02
 810.   243.49    235.24    228.56    222.42    193.65    162.15    112.29     97.57     86.83    167.35    273.73     88.30     83.03    145.35
 815.   241.63    231.27    231.63    224.32    197.88    161.35    114.80     94.55     89.31    167.27    272.05     86.00     85.40    144.60
 820.   244.02    228.37    230.13    220.65    203.13    160.82    114.49     91.69     89.00    166.90    270.56     84.33     82.93    143.88
 825.   239.44    231.41    230.30    221.47    186.55    163.50    113.27     94.17     87.81    166.60    269.34     87.81     83.67    143.17
 830.   241.39    232.93    230.93    218.45    188.63    155.25    109.27     93.90     91.05    164.55    268.00     81.45     86.57    142.42
 835.   239.19    233.07    229.63    207.68    195.00    155.82    112.05     96.49     90.57    163.13    266.78     89.86     89.31    141.77
 840.   237.37    231.88    227.60    214.85    185.77    153.72    110.05     96.06     89.45    161.57    265.22     83.24     86.36    141.00
 845.   237.88    230.78    231.22    213.77    185.22    155.40    108.46    100.54     87.90    159.17    264.02     85.43     85.64    140.35
 850.   236.41    232.75    227.20    214.72    183.40    149.25    107.63     94.86     89.05    159.45    262.66     83.80     86.24    139.75
 855.   235.90    230.70    228.77    207.10    190.92    152.30    107.54     93.26     86.95    162.07    261.63     86.36     85.33    139.02
 860.   232.54    230.82    223.95    203.85    186.32    148.67    107.27     90.90     87.21    158.17    260.44     85.24     84.21    138.30
 865.   233.10    231.20    222.32    201.78    180.05    145.17    105.49     93.38     82.59    155.85    259.00     85.43     80.67    137.60
 870.   232.07    227.57    227.15    204.39    181.40    147.08    104.66     92.55     84.00    156.60    257.76     84.67     83.17    136.95
 875.   231.29    224.40    220.92    201.10    182.77    142.10    103.15     90.26     84.59    157.05    256.49     83.09     80.67    136.25
 880.   230.25    222.05    223.70    199.71    182.92    145.35    101.19     92.02     84.17    155.20    255.71     81.98     83.03    135.52
 885.   231.63    229.50    223.17    202.37    184.65    145.97    103.02     90.79     82.52    155.67    254.73     82.55     82.45    134.80
 890.   233.00    224.13    220.05    201.71    173.97    141.00    105.00     90.76     82.88    152.15    253.58     82.30     82.36    134.13
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PRC17-W-4-1/4                                                           PAGE    9
TIME      28       29        30      31        32       33       34       35       36       37       38       39       40       41
  0.    22.90    22.72    19.39 14000.05     0.00    -0.02    -0.02    -0.10     0.00     0.00     0.00     0.00    21.00     0.39
  0.    22.80    22.75    29.60 14038.82     0.00    -0.02    -0.02     0.30     0.00     0.00     0.00     0.00    20.96    -0.03
  0.    22.90    22.70    40.08 14038.82     0.00    -0.02    -0.02     0.28     0.00     0.00     0.00     0.00    20.95    -0.48
  0.    22.92    22.80    50.30 14038.82     0.00    -0.02    -0.02     0.26     0.00     0.00     0.00     0.00    20.96     0.07
  0.    22.92    22.82    59.56 14000.05     0.00    -0.02    -0.02     0.07     0.00     0.00     0.00     0.00    20.95    -0.20
  0.    23.00    22.82    69.79 13961.35     0.00    -0.02    -0.02     0.14     0.00     0.00     0.00     0.00    20.95     0.26
  5.    24.47    24.20    10.13 14000.05     0.00    -0.01     0.01     0.29     0.00     0.00     0.00     0.01    20.56     2.17
 10.    30.10    26.15    19.36 14038.82     0.01    -0.01     0.03     1.22     0.00     0.00     0.00     0.01    20.55     3.72
 15.    31.49    29.34    29.59 14038.82     0.00    -0.00     0.03     0.62     0.00     0.00     0.00     0.01    20.41     2.71
 20.    36.49    33.15    40.07 14038.82     0.01    -0.00     0.06    -0.25     0.00     0.00     0.00     0.02    20.17     1.96
 25.    39.54    35.68    50.29 14038.82     0.01     0.00     0.11    -0.28     0.00     0.00     0.00     0.03    19.97     5.53
 30.    46.76    42.44    59.55 13961.35     0.03     0.01     0.17    -0.54     0.00     0.00     0.00     0.03    19.80     4.25
 35.    55.61    46.73    69.77 13961.35     0.05     0.03     0.20    -0.58     0.00     0.00     0.00     0.05    19.59     6.27
 40.    52.51    50.12    10.12 13883.87     0.06     0.04     0.30     2.58     0.00     0.00     0.00     0.07    19.32     4.20
 45.    59.24    55.58    19.36 13845.16     0.08     0.05     0.49     2.41     0.00     0.00     0.00     0.09    18.95     5.24
 50.    71.34    64.05    29.58 13845.16     0.10     0.06     0.48     1.35     0.00     0.00     0.00     0.11    18.46     0.30
 55.    76.02    69.73    40.07 13767.68     0.12     0.09     0.57    -0.59     0.00     0.00     0.00     0.15    17.97     4.95
 60.    79.51    74.56    50.28 13728.98     0.15     0.09     0.69    -0.80     0.00     0.00     0.00     0.10    17.54     9.26
 65.   106.34    87.05    59.55 13651.50     0.19     0.12     0.79    -0.90     0.00     0.00     0.00     0.22    17.00    10.34
 70.   113.02    95.45    69.77 13574.02     0.27     0.15     0.92    -0.92     0.00     0.00     0.00     0.30    16.58    11.69
 75.   142.15   111.32    10.12 13457.84     0.37     0.19     1.19     4.13     0.00     0.00     0.00     0.42    15.94    10.76
 80.   159.72   126.85    19.36 13380.36     0.45     0.22     1.34     3.42     0.00     0.00     0.00     0.54    15.18    15.02
 85.   185.82   148.12    29.58 13264.18     0.55     0.25     1.59     2.46     0.00     0.00     0.00     0.66    14.23     9.96
 90.   159.62   151.95    40.06 13186.76     0.64     0.28     1.73    -0.55     0.00     0.00     0.00     0.78    13.10    11.47
 95.   173.22   165.67    50.28 12993.10     0.72     0.32     2.14    -1.01     0.00     0.00     0.00     0.07    12.11    13.01
100.   227.02   198.55    59.54 12876.91     0.81     0.33     2.24    -1.17     0.00     0.00     0.00     0.96    11.08    14.74
105.   197.22   193.50    69.76 12760.73     0.85     0.34     2.40    -1.22     0.00     0.00     0.00     1.04     9.97    12.84
110.   256.98   225.00    10.12 12683.25     0.90     0.36     2.59     4.73     0.00     0.00     0.00     1.13     9.27    12.57
115.   264.54   235.34    19.36 12567.06     0.96     0.35     2.75     3.92     0.00     0.00     0.00     1.17     8.74    11.44
120.   276.66   250.56    29.58 12412.11     0.99     0.36     2.70     2.86     0.00     0.00     0.00     1.39     8.30    10.54
125.   229.29   236.90    40.06 12295.93     1.01     0.36     2.69    -0.85     0.00     0.00     0.00     1.31     7.74    11.60
130.   241.95   243.93    50.29 12179.74     1.03     0.37     2.97    -1.85     0.00     0.00     0.00     1.29     7.39    14.73
135.   251.05   258.90    59.55 12063.55     1.08     0.35     2.87    -1.38     0.00     0.00     0.00     1.34     7.18     9.34
140.   259.22   251.19    69.77 11947.37     1.13     0.36     3.04    -1.32     0.00     0.00     0.00     1.38     6.94    11.75
145.   295.54   264.15    10.12 11753.70     1.16     0.35     2.95     4.91     0.00     0.00     0.00     1.42     6.85     9.96
150.   250.66   257.83    19.37 11482.63     1.19     0.36     3.15     3.96     0.00     0.00     0.00     1.38     7.04    11.76
155.   265.27   258.46    29.59 11521.34     1.21     0.34     3.01     2.92     0.00     0.00     0.00     1.62     7.00    15.25
160.   265.19   263.19    40.06 11327.68     1.24     0.34     3.22    -0.73     0.00     0.00     0.00     1.46     6.04    12.13
165.   272.68   275.68    50.28 11211.49     1.26     0.34     3.18    -1.14     0.00     0.00     0.00     1.47     6.77     9.69
170.   309.68   293.66    59.54 11095.30     1.30     0.33     3.10    -1.24     0.00     0.00     0.00     1.50     6.70    14.58
175.   271.71   282.93    69.77 10940.41     1.31     0.33     3.19    -1.32     0.00     0.00     0.00     1.50     6.89    14.93
180.   267.39   272.00    10.12 10824.23     1.36     0.34     3.33     5.22     0.00     0.00     0.00     1.59     6.90    12.51
185.   292.88   288.19    19.36 10669.27     1.36     0.33     3.18     4.10     0.00     0.00     0.00     1.61     6.86    14.96
190.   275.41   275.90    29.58 10514.38     1.40     0.33     3.26     2.88     0.00     0.00     0.00     1.60     6.82    11.40
195.   310.90   311.39    40.07 10398.19     1.43     0.32     3.14    -0.77     0.00     0.00     0.00     1.63     7.03    13.34
200.   294.95   293.26    50.28 10243.24     1.46     0.32     3.25    -1.00     0.00     0.00     0.00     1.65     6.86     9.32
205.   288.44   297.12    59.53 10127.05     1.48     0.33     3.28    -1.18     0.00     0.00     0.00     1.67     6.93    12.82
210.   296.63   297.41    69.76  9933.39     1.51     0.33     3.37    -1.34     0.00     0.00     0.00     1.77     6.91    10.20
215.   304.00   295.98    10.12  9778.50     1.53     0.32     3.29     5.29     0.00     0.00     0.00     1.89     6.80    12.54
220.   302.07   297.37    19.36  9701.02     1.54     0.33     3.60     4.31     0.00     0.00     0.00     1.78     6.90    10.05
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PRC17-W-4-1/4                                                                PAGE    10
TIME      28       29        30      31          32        33         34        35        36         37         38         39        40        41
 225.   305.22   311.73    29.57  9507.36      1.56      0.31       3.27      2.95      0.00       0.00       0.00       1.80      6.73     13.10
 230.   341.44   317.36    40.06  9391.18      1.58      0.32       3.25     -0.70      0.00       0.00       0.00       1.87      6.94     12.85
 235.   317.48   313.14    50.28  9274.99      1.57      0.31       3.10     -1.07      0.00       0.00       0.00       1.79      7.24     13.69
 240.   344.86   325.02    59.54  9120.10      1.59      0.31       3.43     -1.19      0.00       0.00       0.00       1.79      7.27     11.00
 245.   325.57   319.59    69.77  8965.14      1.61      0.30       3.29     -1.13      0.00       0.00       0.00       1.77      7.33     14.10
 250.   318.93   320.33    10.13  8848.95      1.64      0.31       3.45      5.19      0.00       0.00       0.00       1.78      7.28     15.60
 255.   311.50   327.93    19.37  8771.54      1.64      0.30       3.23      4.34      0.00       0.00       0.00       1.81      7.36     12.78
 260.   326.67   319.17    29.59  8616.59      1.67      0.30       3.29      2.90      0.00       0.00       0.00       1.80      7.36     12.85
 265.   290.41   314.61    40.06  8500.40      1.69      0.29       3.33     -0.54      0.00       0.00       0.00       1.83      7.49     11.74
 270.   314.95   330.05    50.28  8422.93      1.70      0.29       3.27     -0.98      0.00       0.00       0.00       1.81      7.72     12.63
 275.   315.68   322.36    59.55  8306.74      1.71      0.29       3.28     -1.18      0.00       0.00       0.00       1.84      7.84     10.76
 280.   324.90   327.43    69.77  8190.55      1.71      0.29       3.35     -1.14      0.00       0.00       0.00       1.84      7.89     12.85
 285.   345.17   323.55    10.13  8113.07      1.74      0.29       3.30      5.43      0.00       0.00       0.00       1.83      7.97      9.10
 290.   346.76   329.26    19.36  7958.18      1.75      0.29       3.38      4.41      0.00       0.00       0.00       1.84      7.93     11.98
 295.   355.12   356.45    29.58  7842.00      1.76      0.29       3.37      2.79      0.00       0.00       0.00       1.87      7.96     10.15
 300.   322.02   346.58    40.06  7725.81      1.76      0.29       3.42     -0.81      0.00       0.00       0.00       1.84      7.99     10.98
 305.   320.26   325.76    50.29  7649.34      1.76      0.28       3.31     -1.06      0.00       0.00       0.00       1.84      8.17     13.42
 310.   346.02   339.07    59.55  7532.15      1.78      0.27       3.35     -1.22      0.00       0.00       0.00       1.86      8.28     12.85
 315.   343.37   347.68    69.77  7415.96      1.80      0.28       3.31     -1.24      0.00       0.00       0.00       1.85      8.12     12.66
 320.   341.22   342.27    10.12  7338.48      1.78      0.28       3.32      5.47      0.00       0.00       0.00       1.83      8.13     10.19
 325.   347.95   341.10    19.36  7222.30      1.83      0.28       3.28      4.50      0.00       0.00       0.00       1.82      8.33     11.75
 330.   310.68   326.48    29.59  7106.11      1.82      0.27       3.35      3.12      0.00       0.00       0.00       1.88      8.42     15.13
 335.   342.76   341.29    40.06  6989.93      1.83      0.27       3.36     -0.60      0.00       0.00       0.00       1.87      8.43     12.92
 340.   316.12   342.46    50.28  6912.45      1.83      0.27       3.32     -1.13      0.00       0.00       0.00       1.86      8.57     13.30
 345.   349.45   345.64    59.55  6796.27      1.84      0.27       3.41     -1.35      0.00       0.00       0.00       1.88      8.59     14.01
 350.   353.93   360.52    69.76  6680.09      1.85      0.27       3.39     -1.20      0.00       0.00       0.00       1.90      8.56     13.09
 355.   324.12   343.00    10.13  6602.61      1.85      0.27       3.33      5.50      0.00       0.00       0.00       1.83      8.74     13.58
 360.   350.17   351.12    19.37  6525.19      1.86      0.26       3.25      4.47      0.00       0.00       0.00       1.84      8.92     11.74
 365.   326.55   342.00    29.58  6409.01      1.88      0.27       3.41      2.75      0.00       0.00       0.00       1.89      8.62     12.41
 370.   349.17   347.43    40.06  6292.82      1.89      0.26       3.37     -0.76      0.00       0.00       0.00       1.87      8.84     10.88
 375.   349.02   344.19    50.29  6254.05      1.88      0.26       3.34     -1.12      0.00       0.00       0.00       1.88      8.80     12.13
 380.   320.43   344.09    59.54  6137.86      1.89      0.26       3.33     -1.31      0.00       0.00       0.00       1.86      9.00     12.95
 385.   340.50   353.43    69.76  6021.68      1.90      0.26       3.37     -1.27      0.00       0.00       0.00       1.88      9.06     11.41
 390.   352.43   355.59    10.11  5944.20      1.89      0.26       3.29      5.47      0.00       0.00       0.00       1.83      9.04     10.51
 395.   346.63   348.57    19.35  5789.31      1.90      0.26       3.30      4.47      0.00       0.00       0.00       1.86      9.29     12.34
 400.   364.42   361.05    29.58  5711.84      1.91      0.25       3.40      2.84      0.00       0.00       0.00       1.92      9.25     10.34
 405.   343.19   353.48    40.06  5595.65      1.93      0.26       3.42     -0.58      0.00       0.00       0.00       1.89      9.28     12.44
 410.   393.43   369.90    50.27  5479.46      1.93      0.25       3.26     -1.14      0.00       0.00       0.00       1.95      9.37     11.16
 415.   364.14   363.86    59.54  5440.76      1.93      0.25       3.29     -1.25      0.00       0.00       0.00       1.88      9.38     12.94
 420.   368.42   356.88    69.76  5285.80      1.93      0.25       3.27     -1.16      0.00       0.00       0.00       1.89      9.28     13.09
 425.   365.58   364.79    10.12  5247.09      1.91      0.25       3.25      5.05      0.00       0.00       0.00       1.87      9.49     11.35
 430.   346.37   355.36    19.36  5169.61      1.94      0.25       3.27      4.59      0.00       0.00       0.00       1.86      9.49     14.07
 435.   367.07   366.02    29.58  5014.73      1.93      0.24       3.32      2.98      0.00       0.00       0.00       1.97      9.44     12.82
 440.   394.14   366.91    40.06  4975.95      1.94      0.24       3.29     -0.63      0.00       0.00       0.00       1.98      9.46     11.57
 445.   348.38   365.62    50.27  4859.77      1.93      0.24       3.20     -1.11      0.00       0.00       0.00       1.84      9.58     10.47
 450.   360.59   367.45    59.54  4782.30      1.92      0.24       3.19     -1.29      0.00       0.00       0.00       1.86      9.71     12.96
 455.   349.00   350.07    69.76  4666.11      1.92      0.24       3.20     -1.24      0.00       0.00       0.00       1.78      9.86     11.44
 460.   346.22   352.95    10.12  4511.21      1.94      0.23       3.22      5.33      0.00       0.00       0.00       1.77      9.86     14.13
 465.   342.98   354.05    19.37  4511.21      1.91      0.23       3.16      4.52      0.00       0.00       0.00       1.93      9.85     10.95
 470.   362.31   365.05    29.58  4395.03      1.90      0.23       3.13      3.00      0.00       0.00       0.00       1.75     10.19     10.18
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TIME      28       29        30      31         32       33       34       35       36       37       38       39       40       41
 475.   325.14   342.05    40.06  4317.55     1.88     0.23     3.09    -0.07     0.00     0.00     0.00     1.72    10.26    10.40
 480.   358.74   362.64    50.29  4201.36     1.85     0.22     3.09    -1.07     0.00     0.00     0.00     1.71    10.34    11.09
 485.   346.81   356.88    59.55  4123.89     1.84     0.22     3.12    -1.30     0.00     0.00     0.00     1.67    10.37    12.00
 490.   365.48   363.81    69.77  4046.48     1.82     0.21     2.98    -1.29     0.00     0.00     0.00     1.65    10.75    11.25
 495.   345.26   349.00    10.13  3968.64     1.78     0.21     2.92     5.25     0.00     0.00     0.00     1.63    10.74    13.09
 500.   347.79   347.90    19.37  3941.29     1.75     0.21     2.95     4.29     0.00     0.00     0.00     1.60    10.99    15.40
 505.   344.86   349.31    29.59  3886.53     1.75     0.20     2.92     2.03     0.00     0.00     0.00     1.59    11.08    12.42
 510.   347.39   341.93    40.07  3831.78     1.70     0.20     2.79    -0.79     0.00     0.00     0.00     1.55    11.35    10.25
 515.   330.48   340.58    50.29  3804.43     1.68     0.20     2.64    -1.05     0.00     0.00     0.00     1.50    11.60    10.39
 520.   354.00   347.90    59.56  3777.03     1.65     0.19     2.57    -1.30     0.00     0.00     0.00     1.53    11.81    11.87
 525.   311.31   326.83    69.77  3722.32     1.63     0.19     2.66    -1.28     0.00     0.00     0.00     1.43    12.03    11.52
 530.   324.14   325.36    10.13  3694.92     1.59     0.19     2.41     5.09     0.00     0.00     0.00     1.42    12.16    10.89
 535.   308.58   311.55    19.37  3640.21     1.57     0.18     2.43     4.22     0.00     0.00     0.00     1.37    12.34    12.47
 540.   304.07   314.76    29.58  3585.45     1.55     0.18     2.40     2.57     0.00     0.00     0.00     1.35    12.63    11.56
 545.   312.88   311.61    40.07  3530.71     1.52     0.17     2.32    -0.66     0.00     0.00     0.00     1.33    12.89    10.97
 550.   313.32   306.34    50.29  3440.60     1.49     0.17     2.22    -1.09     0.00     0.00     0.00     1.29    13.04    11.49
 555.   314.90   312.45    59.55  3311.75     1.47     0.17     2.21    -1.34     0.00     0.00     0.00     1.25    13.19     9.63
 560.   314.29   316.15    69.77  3284.39     1.47     0.16     2.15    -1.27     0.00     0.00     0.00     1.22    13.37    10.44
 565.   317.85   308.12    10.13  3257.04     1.41     0.16     0.12     4.92     0.00     0.00     0.00     1.21    13.49    10.15
 570.   304.34   302.51    19.37  3147.53     1.38     0.16     2.14     3.91     0.00     0.00     0.00     1.19    13.66    10.80
 575.   307.05   296.49    29.59  3147.53     1.37     0.15     2.12     2.49     0.00     0.00     0.00     1.16    13.82    11.12
 580.   292.36   294.98    40.07  3092.78     1.36     0.15     1.91    -0.85     0.00     0.00     0.00     1.12    13.93    10.40
 585.   286.10   296.27    50.29  3010.67     1.32     0.15     1.97    -1.13     0.00     0.00     0.00     1.10    14.02    12.16
 590.   289.37   282.93    59.56  2928.57     1.31     0.15     1.97    -1.28     0.00     0.00     0.00     1.11    14.20    11.19
 595.   292.12   285.00    69.77  2901.21     1.29     0.14     1.07    -1.20     0.00     0.00     0.00     1.05    14.40     9.82
 600.   277.19   285.90    10.13  2846.46     1.25     0.14     1.83     4.75     0.00     0.00     0.00     1.03    14.48     9.19
 605.   267.63   265.00    19.37  2791.71     1.22     0.14     1.78     3.94     0.00     0.00     0.00     0.99    14.61     9.76
 610.   267.29   271.24    29.59  2791.71     1.20     0.13     1.75     2.34     0.00     0.00     0.00     0.97    14.73    10.36
 615.   265.63   269.27    40.07  2764.35     1.19     0.13     1.73    -0.83     0.00     0.00     0.00     0.95    14.85    10.30
 620.   276.19   271.29    50.29  2709.60     1.16     0.13     1.71    -1.17     0.00     0.00     0.00     0.94    15.00     8.72
 625.   269.27   272.34    59.55  2654.89     1.13     0.13     1.62    -1.25     0.00     0.00     0.00     0.92    15.20     8.34
 630.   271.07   271.44    69.77  2545.39     1.09     0.13     1.55    -1.31     0.00     0.00     0.00     0.94    15.29    10.41
 635.   256.05   258.10    10.13  2490.64     1.03     0.12     1.53     4.42     0.00     0.00     0.00     0.89    15.37     7.39
 640.   230.12   247.90    19.37  2463.28     1.05     0.12     1.54     3.67     0.00     0.00     0.00     0.85    15.43     9.59
 645.   242.10   244.85    29.59  2435.93     1.03     0.12     1.45     2.32     0.00     0.00     0.00     0.83    15.63     8.94
 650.   238.93   254.98    40.07  2080.10     0.92     0.12     1.41    -0.63     0.00     0.00     0.00     0.04    15.75     8.38
 655.   233.49   249.71    50.29  2025.35     0.89     0.12     1.45    -1.03     0.00     0.00     0.00     0.70    15.83     8.55
 660.   236.85   264.27    59.55  2025.35     0.88     0.11     1.33    -1.23     0.00     0.00     0.00     0.75    15.97     8.33
 665.   233.85   254.73    69.77  2052.75     0.86     0.11     1.32    -1.23     0.00     0.00     0.00     0.72    16.04     9.67
 670.   248.51   256.44    10.12  1888.54     0.85     0.11     1.29     4.20     0.00     0.00     0.00     0.69    16.17     7.86
 675.   233.61   251.73    19.37  1888.54     0.84     0.11     1.20     3.42     0.00     0.00     0.00     0.68    16.21     8.85
 680.   239.05   253.68    29.59  1833.78     0.82     0.11     1.19     2.04     0.00     0.00     0.00     0.66    16.27     8.95
 685.   226.70   239.17    40.07  1833.78     0.81     0.10     1.13    -0.61     0.00     0.00     0.00     0.65    16.34    10.25
 690.   219.40   235.85    50.28  1806.39     0.79     0.10     1.17    -1.08     0.00     0.00     0.00     0.65    16.47     7.23
 695.   219.38   240.76    59.55  1806.39     0.78     0.10     1.12    -1.30     0.00     0.00     0.00     0.61    16.52     7.03
 700.   220.60   230.19    69.77  1806.39     0.75     0.10     1.07    -1.16     0.00     0.00     0.00     0.61    16.57     8.29
 705.   221.13   232.41    10.13  1779.03     0.74     0.10     1.05     4.08     0.00     0.00     0.00     0.60    16.63     7.81
 710.   214.85   224.27    19.37  1806.39     0.74     0.09     1.05     3.19     0.00     0.00     0.00     0.58    16.67     7.13
 715.   203.02   214.40    29.58  1751.68     0.72     0.09     1.03     1.79     0.00     0.00     0.00     0.57    16.70     7.81
 720.   203.15   220.40    40.07  1532.71     0.63     0.10     0.97    -0.66     0.00     0.00     0.00     0.55    16.74     8.37
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TIME	28	29	30	31	32	33	34	35	36	37	38	39	40	41
725.	208.22	226.70	50.29	1560.07	0.63	0.10	0.91	-1.06	0.00	0.00	0.00	0.56	16.77	7.25
730.	215.38	225.20	59.56	1560.07	0.61	0.09	0.86	-1.25	0.00	0.00	0.00	0.53	16.79	7.52
735.	202.95	216.25	69.77	1532.71	0.60	0.09	0.83	-1.23	0.00	0.00	0.00	0.53	16.87	7.96
740.	215.05	232.85	10.13	1532.71	0.58	0.09	0.80	3.72	0.00	0.00	0.00	0.51	16.91	6.66
745.	202.63	225.70	19.37	1505.36	0.57	0.09	0.74	2.99	0.00	0.00	0.00	0.51	16.91	7.11
750.	198.10	215.00	29.59	1532.71	0.57	0.09	0.75	1.42	0.00	0.00	0.00	0.50	17.05	7.29
755.	200.35	215.27	40.07	1505.36	0.58	0.09	0.72	-0.69	0.00	0.00	0.00	0.49	17.16	7.47
760.	201.24	225.90	50.29	1477.96	0.55	0.09	0.72	-0.98	0.00	0.00	0.00	0.49	17.22	6.68
765.	190.87	203.44	59.54	1477.96	0.55	0.09	0.73	-1.13	0.00	0.00	0.00	0.48	17.30	7.27
770.	194.35	206.00	69.77	1450.61	0.54	0.09	0.70	-1.18	0.00	0.00	0.00	0.46	17.32	8.35
775.	189.00	200.05	10.12	1450.61	0.52	0.09	0.67	3.48	0.00	0.00	0.00	0.46	17.32	6.83
780.	196.45	198.76	19.36	1395.85	0.52	0.09	0.70	2.91	0.00	0.00	0.00	0.45	17.32	7.45
785.	182.52	200.45	29.58	1395.85	0.51	0.08	0.71	1.37	0.00	0.00	0.00	0.44	17.32	7.20
790.	185.38	196.82	40.06	1368.50	0.51	0.08	0.67	-0.68	0.00	0.00	0.00	0.44	17.37	6.79
795.	182.75	191.00	50.30	1341.10	0.50	0.08	0.66	-1.01	0.00	0.00	0.00	0.44	17.47	6.92
800.	189.80	197.10	59.55	1341.10	0.48	0.09	0.67	-1.18	0.00	0.00	0.00	0.43	17.51	6.54
805.	186.35	200.90	69.77	1313.75	0.48	0.08	0.67	-1.16	0.00	0.00	0.00	0.42	17.50	5.86
810.	179.15	191.22	10.12	1461.55	0.49	0.08	0.64	3.36	0.00	0.00	0.00	0.42	17.45	6.43
815.	179.30	192.12	19.36	1341.10	0.49	0.08	0.66	2.71	0.00	0.00	0.00	0.42	17.44	6.05
820.	188.85	191.90	29.58	1341.10	0.49	0.08	0.63	0.76	0.00	0.00	0.00	0.42	17.54	5.87
825.	182.27	197.45	40.07	1313.75	0.46	0.08	0.64	-0.66	0.00	0.00	0.00	0.40	17.54	6.86
830.	181.77	200.80	50.29	1313.75	0.47	0.08	0.59	-1.04	0.00	0.00	0.00	0.40	17.67	6.17
835.	177.75	188.57	59.54	1313.75	0.46	0.08	0.60	-1.13	0.00	0.00	0.00	0.40	17.63	5.94
840.	177.42	200.20	69.76	1313.75	0.46	0.09	0.62	-1.11	0.00	0.00	0.00	0.39	17.70	6.41
845.	173.35	192.55	10.12	1341.10	0.46	0.08	0.62	3.24	0.00	0.00	0.00	0.39	17.74	5.69
850.	177.07	190.65	19.37	1313.75	0.44	0.08	0.62	2.63	0.00	0.00	0.00	0.39	17.75	6.17
855.	174.50	191.52	29.59	1286.39	0.44	0.08	0.59	1.15	0.00	0.00	0.00	0.40	17.77	7.11
860.	179.75	185.72	40.07	1259.00	0.43	0.08	0.58	-0.59	0.00	0.00	0.00	0.39	17.75	6.56
865.	171.20	187.88	50.28	1259.00	0.45	0.09	0.59	-0.92	0.00	0.00	0.00	0.37	17.75	5.95
870.	170.42	186.92	59.55	1286.39	0.44	0.08	0.59	-1.10	0.00	0.00	0.00	0.37	17.72	6.19
875.	169.65	188.13	69.77	1313.75	0.44	0.08	0.59	-1.19	0.00	0.00	0.00	0.37	17.81	5.82
880.	172.40	180.80	10.13	1286.39	0.42	0.08	0.59	3.20	0.00	0.00	0.00	0.36	17.75	5.72
885.	171.27	180.52	19.36	1231.64	0.43	0.09	0.57	2.57	0.00	0.00	0.00	0.36	17.77	6.28
890.	162.25	183.32	29.59	1231.64	0.42	0.08	0.57	1.13	0.00	0.00	0.00	0.35	17.77	5.62

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PRC17-W-4-1/4
TIME     42      43      44      45      46      47      48
  0.   -0.10   -0.34   -0.09    0.34   -0.28    0.00    0.00
  0.   -0.14    0.04   -0.28    0.28   -0.31    0.00    0.00
  0.   -0.25    0.52   -0.00   -0.28    0.27    0.00    0.00
  0.    0.02    0.16   -0.03    0.01    0.29    0.00    0.00
  0.    0.50   -0.48    0.39   -0.10   -0.18    0.00    0.00
  0.   -0.03    0.11    0.02   -0.18    0.20    0.00    0.00
  5.   -0.05    0.89   -1.09    1.31   -1.54    0.00    5.00
 10.    0.13    0.67   -0.19    0.05   -0.12    0.00   10.00
 15.    0.53    1.76   -0.88   -0.56   -1.49    0.01   15.00
 20.    1.76    1.31   -0.54    0.07   -0.31    0.04   20.00
 25.   -0.67    3.13   -0.25   -0.10   -1.05    0.07   25.00
 30.    1.59    1.21   -1.64   -1.21   -1.34    0.13   30.00
 35.    4.28    1.41   -1.04    0.48   -1.69    0.21   35.00
 40.    4.86    0.58   -0.73    0.59   -0.03    0.38   40.00
 45.    6.82    0.56    0.22   -0.94   -2.37    0.68   45.00
 50.    3.75    0.47    0.74   -0.31    1.03    1.20   50.00
 55.    4.72    2.28   -2.24   -1.68   -1.83    1.55   55.00
 60.    4.98    1.01    0.62    0.66   -1.49    2.04   60.00
 65.    6.15    1.70    0.16   -0.04   -2.22    2.48   65.00
 70.    4.26    3.47    0.65   -1.03   -0.25    3.04   70.00
 75.    5.31    3.57    0.80   -1.65   -0.15    3.88   75.00
 80.    6.79    1.99   -0.26   -0.99   -1.26    4.75   80.00
 85.    9.45    0.90   -1.50    0.09   -3.32    5.99   85.00
 90.    6.71    4.16    2.23   -1.33   -2.60    7.35   90.00
 95.    2.81    3.59   -0.04   -2.54    0.52    8.43   95.00
100.    4.62    2.37    0.94   -1.75   -0.63    9.47  100.00
105.    5.85    4.46   -1.35    1.07   -2.44   10.90  105.00
110.    7.28    3.32    1.83   -2.84   -1.19   11.51  110.00
115.    6.26    4.11    1.41   -2.17   -1.97   12.11  115.00
120.    6.70    5.03   -2.11   -0.92   -1.97   12.34  120.00
125.    7.21    2.43    2.06   -1.71   -2.00   13.25  125.00
130.    7.76    1.58    0.11   -1.23   -1.48   13.49  130.00
135.    8.44    2.89    0.22   -0.97   -3.84   13.52  135.00
140.    6.53    4.86   -1.04   -1.05   -1.76   13.79  140.00
145.    7.99    3.58   -0.01   -3.95   -3.24   13.90  145.00
150.    8.59    1.63   -1.21   -1.05   -3.51   13.47  150.00
155.    6.91    3.16    1.37   -0.85   -2.97   13.69  155.00
160.    7.76    3.47    0.93   -0.68   -2.84   14.09  160.00
165.    9.63    2.04   -1.02   -1.16   -4.70   13.90  165.00
170.    6.55    4.35   -0.26   -1.85   -3.30   13.70  170.00
175.    9.72    0.32    1.80   -0.99   -1.44   13.71  175.00
180.    6.27    5.28   -0.30   -1.54   -3.55   13.78  180.00
185.    8.06    2.11    0.54   -2.64   -1.32   13.91  185.00
190.   11.30    1.49   -0.75   -2.18   -3.45   13.80  190.00
195.    6.00    5.64   -1.24   -0.73   -2.06   13.45  195.00
200.    9.78    0.83    3.03   -3.00   -1.54   13.75  200.00
205.    7.59    3.64   -0.35   -0.28   -5.51   13.48  205.00
210.    9.01    4.07    0.17   -0.74   -1.87   13.68  210.00
215.    6.23    3.10    1.19   -0.52   -1.89   13.74  215.00
220.   11.20    2.00    0.15   -0.59   -3.84   13.59  220.00
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PRC17-W-4-1/4
TIME      42       43       44       45       46       47      48
 225.     7.52     3.37    -0.45    -0.82    -2.58    13.86   225.00
 230.     8.74     2.41     2.67    -2.15    -2.61    13.42   230.00
 235.     9.71     1.80    -0.75    -0.83    -1.57    13.17   235.00
 240.     7.74     4.41     0.08    -1.78    -0.52    13.26   240.00
 245.     8.65     2.72     0.86    -0.71    -2.41    13.14   245.00
 250.     8.67     3.88     0.60    -1.61    -1.54    13.22   250.00
 255.     8.56     5.99    -3.06    -0.25    -3.26    13.10   255.00
 260.    10.41     3.06     1.18    -1.22    -3.97    13.17   260.00
 265.     9.48     2.18     1.00    -2.30    -1.12    12.98   265.00
 270.     8.59     4.06    -1.04    -0.57    -2.50    12.48   270.00
 275.     8.37     3.57     1.53    -3.17    -1.02    12.61   275.00
 280.     7.67     3.71     1.82    -1.07    -2.97    12.66   280.00
 285.    11.27     3.03     0.91    -2.09    -2.81    12.50   285.00
 290.     8.78     4.70     0.16    -2.23    -1.41    12.55   290.00
 295.     8.58     5.10     0.74    -1.91    -1.94    12.63   295.00
 300.     7.74     5.62     0.39    -2.32    -1.67    12.59   300.00
 305.     5.93     2.98     0.89    -0.87    -1.50    12.18   305.00
 310.    10.19     2.96     0.14    -2.05    -3.00    12.30   310.00
 315.     7.31     4.85     1.08    -2.13    -1.54    12.36   315.00
 320.    10.07     2.97    -0.74    -1.53    -3.38    12.29   320.00
 325.     9.37     3.57    -0.98    -1.49    -4.42    12.12   325.00
 330.     9.13     3.15     0.57    -1.95    -2.71    12.06   330.00
 335.     8.54     3.73    -0.56    -0.78    -2.95    12.08   335.00
 340.     8.65     2.91     1.10    -2.11    -1.49    11.83   340.00
 345.     7.95     5.59    -0.67    -0.53    -2.57    11.80   345.00
 350.     8.54     1.98     2.64    -1.60    -4.31    11.91   350.00
 355.     8.60     3.07     0.09    -0.22    -4.18    11.70   355.00
 360.     7.79     4.25    -0.50    -2.74    -1.58    11.49   360.00
 365.     6.66     3.38     2.41    -1.86    -2.35    11.75   365.00
 370.     8.10     3.22     0.77    -3.00    -1.93    11.71   370.00
 375.     9.41     4.52     0.46    -0.79    -4.09    11.61   375.00
 380.     8.18     3.59    -0.14    -1.08    -5.47    11.33   380.00
 385.     7.24     3.62    -0.04    -0.89    -5.64    11.39   385.00
 390.     9.18     4.82    -1.47    -0.14    -3.16    11.49   390.00
 395.     8.83     3.04     1.29    -1.55    -3.15    11.10   395.00
 400.     9.43     3.99     0.71    -3.31    -3.22    11.17   400.00
 405.     7.49     4.84     0.27    -0.91    -4.15    11.08   405.00
 410.     8.01     4.84     1.20    -2.95    -0.41    10.92   410.00
 415.     7.75     4.67     0.96    -1.78    -2.90    11.12   415.00
 420.     8.37     4.08     1.01    -1.59    -0.09    11.16   420.00
 425.     8.69     4.74     0.41    -2.33    -2.09    10.70   425.00
 430.     5.82     5.83     0.65    -1.18    -2.96    10.72   430.00
 435.     8.24     2.73     0.39    -0.62    -3.42    10.95   435.00
 440.     6.83     4.09     0.97    -1.71    -2.50    10.83   440.00
 445.    10.02     3.12     0.91    -1.11    -5.02    10.69   445.00
 450.     8.27     3.71    -0.05    -1.83    -1.80    10.30   450.00
 455.     7.02     5.31    -0.88    -0.69    -2.79    10.44   455.00
 460.     6.67     4.44    -1.33    -0.18    -3.24    10.29   460.00
 465.     7.91     4.25     0.33    -1.93    -3.64    10.30   465.00
 470.    10.24     1.27     1.37    -1.74    -3.77     9.68   470.00
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PRC17-W-4-1/4                                                                   PAGE    15
TIME        42        43        44        45        46         47       48
 475.      7.61      4.53     -0.37     -1.95     -1.84      9.83    475.00
 480.      8.43      3.77      0.04     -1.10     -2.09      9.74    480.00
 485.      6.78      3.63     -0.55     -0.89     -3.18      9.69    485.00
 490.      7.29      2.87      0.98     -2.08     -2.95      9.11    490.00
 495.      7.43      3.50      0.12     -0.70     -4.13      9.06    495.00
 500.      8.50      4.23      0.50     -1.89     -2.08      8.94    500.00
 505.      7.83      3.34     -0.09     -1.14     -3.51      8.79    505.00
 510.      8.65      4.36     -0.65     -1.13     -5.85      8.41    510.00
 515.      8.20      3.58     -0.49     -0.41     -4.12      8.12    515.00
 520.      8.85      2.74      0.68     -1.15     -2.47      8.01    520.00
 525.      7.41      3.41      0.02     -0.73     -3.29      7.79    525.00
 530.      8.48      3.01     -0.54     -0.94     -5.02      7.62    530.00
 535.      7.16      2.83      1.11     -2.16     -2.97      7.45    535.00
 540.      7.62      3.13      0.75     -2.14     -3.03      7.12    540.00
 545.      7.68      3.31      0.05     -1.62     -1.94      6.92    545.00
 550.      7.07      3.25      0.61     -1.73     -3.19      6.63    550.00
 555.      6.66      3.21      0.36     -1.83     -3.42      6.46    555.00
 560.      7.61      3.14      0.02     -1.67     -3.18      6.28    560.00
 565.      7.91      3.68      0.15     -1.35     -4.37      6.17    565.00
 570.      7.07      3.77     -0.65     -2.15     -2.34      5.98    570.00
 575.      6.09      4.43     -0.26     -2.40     -1.95      5.77    575.00
 580.      7.02      4.08     -0.24     -1.72     -2.95      5.62    580.00
 585.      6.39      4.07      0.09     -2.52     -0.87      5.56    585.00
 590.      6.04      4.04     -0.20     -1.52     -2.64      5.29    590.00
 595.      7.68      4.30     -1.63     -0.49     -3.39      5.05    595.00
 600.      8.35      2.30      1.04     -2.31     -2.60      5.04    600.00
 605.      7.70      2.75      0.70     -2.25     -2.44      4.87    605.00
 610.      6.51      3.37      0.80     -1.48     -2.70      4.73    610.00
 615.      7.34      3.09      0.12     -1.96     -2.19      4.57    615.00
 620.      8.14      2.75     -0.42     -2.14     -3.25      4.40    620.00
 625.      7.47      2.71      0.21     -1.92     -2.99      4.15    625.00
 630.      5.24      4.20     -0.80     -1.23     -3.73      4.04    630.00
 635.      7.08      3.14      0.38     -1.49     -3.38      3.98    635.00
 640.      7.10      2.01      0.05     -1.33     -3.76      3.88    640.00
 645.      6.77      3.82     -0.44     -1.73     -2.06      3.61    645.00
 650.      7.03      2.27      0.14     -1.23     -3.79      3.53    650.00
 655.      5.59      3.73     -0.65     -0.95     -3.55      3.49    655.00
 660.      6.60      2.94     -0.50     -1.33     -3.06      3.30    660.00
 665.      6.21      2.77      0.01     -0.66     -2.95      3.23    665.00
 670.      7.01      1.64      0.86     -1.19     -3.24      3.07    670.00
 675.      5.88      3.38     -0.81     -1.10     -3.41      3.04    675.00
 680.      5.89      2.71     -0.12     -1.09     -3.25      3.02    680.00
 685.      5.52      3.19     -0.43     -0.99     -3.19      2.91    685.00
 690.      6.20      2.34      0.32     -1.06     -3.63      2.77    690.00
 695.      7.14      1.58      0.25     -2.42     -2.96      2.71    695.00
 700.      6.20      1.67      0.45     -2.17     -2.69      2.70    700.00
 705.      5.24      3.03      0.00     -1.71     -2.66      2.56    705.00
 710.      6.96      1.62     -0.52     -1.43     -3.12      2.59    710.00
 715.      5.40      3.04      0.19     -1.73     -2.74      2.55    715.00
 720.      5.71      2.38     -0.41     -0.37     -3.15      2.49    720.00
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PRC17-W-4-1/4
TIME        42        43        44        45        46         47       48
 725.       5.47      2.59     -0.21     -1.03     -2.59       2.47    725.00
 730.       5.51      2.61     -0.22     -1.09     -3.00       2.44    730.00
 735.       4.95      2.92     -0.69     -0.51     -2.34       2.33    735.00
 740.       5.66      2.77     -0.44     -1.15     -2.95       2.18    740.00
 745.       5.43      2.07      0.08     -1.45     -2.95       2.18    745.00
 750.       5.25      2.35      0.13     -2.15     -2.06       1.99    750.00
 755.       5.10      1.90     -0.15     -0.57     -3.00       1.94    755.00
 760.       4.66      2.49      0.10     -1.49     -3.28       1.85    760.00
 765.       4.97      2.95     -0.32     -0.99     -2.84       1.83    765.00
 770.       3.77      2.86      0.43     -1.46     -2.15       1.76    770.00
 775.       4.45      2.26     -0.03     -2.37     -1.79       1.75    775.00
 780.       5.35      2.14     -0.22     -0.71     -3.15       1.76    780.00
 785.       4.84      1.98      0.31     -1.46     -2.79       1.75    785.00
 790.       4.04      2.40      0.40     -1.60     -2.70       1.57    790.00
 795.       4.11      1.86      0.09     -0.83     -3.42       1.63    795.00
 800.       5.27      1.04      0.51     -1.46     -1.92       1.56    800.00
 805.       5.76      1.46     -0.04     -1.41     -2.48       1.56    805.00
 810.       4.88      1.73      0.43     -1.53     -2.00       1.55    810.00
 815.       4.96      1.89      0.52     -2.14     -1.54       1.58    815.00
 820.       5.47      1.76      0.07     -1.21     -2.52       1.43    820.00
 825.       4.12      2.42     -0.35     -1.07     -2.28       1.41    825.00
 830.       4.65      1.66      0.21     -1.54     -2.67       1.31    830.00
 835.       5.05      2.62     -0.82     -1.14     -2.77       1.35    835.00
 840.       4.20      1.85      0.60     -1.84     -2.44       1.27    840.00
 845.       5.19      1.62     -0.03     -1.11     -3.03       1.24    845.00
 850.       5.02      1.32      0.49     -1.30     -3.25       1.26    850.00
 855.       4.08      2.43     -0.20     -1.53     -2.13       1.23    855.00
 860.       4.74      1.53      0.04     -1.10     -2.60       1.27    860.00
 865.       4.82      1.08      0.66     -1.42     -2.73       1.28    865.00
 870.       5.22      1.76      0.14     -0.89     -3.00       1.24    870.00
 875.       4.50      1.92      0.39     -1.71     -1.89       1.20    875.00
 880.       4.54      1.74     -0.04     -1.71     -2.31       1.20    880.00
 885.       4.26      1.88      0.21     -0.99     -2.19       1.23    885.00
 890.       4.60      2.32     -0.52     -1.35     -1.93       1.20    890.00
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PRL19-W-4-1/4                                                        PAGE     1

TIME       0         1         2         3         4         5         6         7         8         9        10        11        12        13
  0.     23.65     13.20     23.40     22.47     22.38     22.27     22.47     24.27     24.32     24.25     24.27     24.00     23.77     23.77
  0.     23.75     20.25     23.52     22.47     22.55     22.35     22.42     24.32     24.35     24.27     24.27     23.95     23.80     23.75
  0.     23.63    154.90     23.57     22.52     22.65     22.40     22.47     24.27     24.35     24.27     24.32     24.00     23.85     23.75
  0.     23.65    127.93     23.57     22.55     22.65     22.45     22.52     24.30     24.30     24.38     24.32     24.00     23.82     23.77
  0.     23.65    129.80     23.65     22.52     22.57     22.35     22.42     24.27     24.32     24.35     24.35     23.97     23.85     23.75
  0.     23.75     17.75     23.55     22.50     22.55     22.32     22.35     24.27     24.32     24.22     24.30     23.95     23.90     23.75
  5.     27.72    -60.64     23.52     23.27     22.72     22.63     22.67     27.17     29.73     28.97     28.67     27.60     26.82     25.32
 10.     34.49     51.02     23.63    '23.07     22.80     22.57     22.55     29.13     39.27     36.00     35.22     35.61     34.71     33.27
 15.     37.76     49.19     33.41     22.92     22.63     22.40     22.27     29.44     46.00     39.76     40.00     39.76     38.90     37.27
 20.     48.17     65.81     34.66     23.25     22.52     22.57     22.30     31.24     48.17     42.15     41.83    -43.54     42.93     42.19
 25.     51.95     58.69     40.07     23.80     22.60     22.63     22.32     32.54     56.85     49.46     49.66     50.03     49.49     48.27
 30.     62.69     78.05     45.10     23.40     22.50     22.67     22.30     34.10     62.67     53.68     54.63     55.73     54.39     53.61
 35.     67.86     79.88     57.58     22.95     22.85     22.55     22.35     37.78     69.80     57.98     59.00     62.36     61.33     60.69
 40.     80.69     84.09     61.07     22.82     22.60     22.55     22.52     41.02     82.43     65.71     67.21     71.49     71.78     71.39
 45.     96.83     81.26     71.80     22.85     22.70     22.67     22.65     46.95     88.59     83.83     82.64     84.50     81.93     80.14
 50.    120.05    109.39     83.21     35.78     22.57     22.80     22.67     54.41    115.00    105.54    104.68    100.07     97.45     92.83
 55.    156.82    144.20    101.15     34.49     22.72     22.85     22.77     59.86    138.85    126.58    128.44    136.00    134.70    137.97
 60.    199.40    183.50    141.02     28.17     22.75     22.67     22.70     74.27    182.15    162.27    163.47    167.90    168.00    164.40
 65.    231.85    219.27    168.45     26.35     22.77     22.65     22.65     85.43    232.10    201.73    202.32    202.61    201.99    196.55
 70.    282.41    239.07    192.00     38.85     22.72     22.75     22.70    105.88    277.29    254.76    255.07    266.90    250.71    243.19
 75.    291.69    262.56    246.29     29.62     22.82     22.65     22.70    133.30    315.90    310.10    307.37    316.05    303.17    304.29
 80.    344.38    306.34    274.54     30.37     22.92     22.70     22.60    165.67    365.95    341.32    339.90    340.12    340.73    324.84
 85.    362.72    338.95    290.85     31.98     23.10     22.65     22.65    188.42    397.26    361.48    361.33    361.04    363.33    357.74
 90.    387.14    347.24    312.49     29.15     22.82     22.88     22.77    216.37    449.02    371.32    369.79    385.64    370.39    366.95
 95.    389.05    359.88    327.79     53.76     23.05     22.08     22.72    232.10    452.09    402.86    399.05    405.48    401.43    390.95
100.    392.38    364.59    321.12     40.37     23.02     22.85     22.97    259.37    455.49    422.86    424.76    427.86    407.44    403.57
105.    391.67    365.42    318.59     42.63     22.95     22.95     22.08    279.51    471.06    423.57    408.37    421.90    410.23    401.16
110.    402.56    366.26    321.67     32.63     23.15     23.25     23.32    293.41    470.23    428.33    425.95    428.33    423.57    408.84
115.    408.57    380.95    355.57     42.05     23.40     23.27     23.05    312.66    500.40    430.93    428.09    431.90    432.86    433.09
120.    437.14    386.90    357.64     75.68     23.15     23.07     22.92    311.26    457.44    439.77    432.79    430.05    405.51    410.24
125.    403.26    385.24    363.83    127.02     23.63     23.45     23.45    319.31    499.52    440.24    435.24    432.85    425.95    403.72
130.    404.05    390.00    367.14     84.21     23.57     23.27     23.22    330.00    473.02    434.42    430.93    452.62    437.44    438.14
135.    429.52    394.76    347.22     54.32     23.47     23.20     23.07    346.93    465.35    435.81    435.01    452.14    432.56    440.40
140.    423.09    395.95    361.93     57.56     23.67     23.52     23.50    344.09    491.16    450.46    456.19    451.63    455.95    436.51
145.    428.33    384.52    345.12     43.58     23.72     23.40     23.27    358.36    495.35    459.76    458.57    453.95    453.81    438.84
150.    426.67    396.43    365.19     34.22     23.47     23.37     23.25    368.98    519.20    463.95    456.05    460.00    453.49    439.53
155.    436.67    403.02    369.07     64.88     23.52     23.40     23.22    366.42    492.32    458.60    457.67    451.63    454.88    451.67
160.    437.66    406.43    362.32     45.17     23.75     23.37     23.30    369.98    493.81    451.39    452.09    457.21    457.44    434.88
165.    433.09    405.71    385.48     37.19     23.95     23.47     23.27    387.02    498.84    461.16    456.51    457.44    457.62    436.51
170.    440.46    409.53    364.09     33.15     23.45     23.35     23.32    389.74    516.05    463.02    460.70    459.87    458.93    439.77
175.    453.57    398.33    369.07     49.27     23.47     23.32     23.25    392.57    518.09    467.67    465.50    459.30    454.52    451.90
180.    454.52    409.30    382.62     34.15     23.75     23.60     23.35    396.67    497.67    465.12    466.74    470.93    459.30    460.71
185.    430.24    424.29    368.81     32.95     23.52     23.35     23.27    401.81    514.76    470.00    467.67    474.08    469.77    451.39
190.    439.05    401.16    370.00     40.51     23.37     23.27     23.25    400.79    492.62    460.46    458.84    455.81    459.53    455.35
195.    437.44    403.26    384.05     62.59     23.35     23.35     23.22    399.93    510.46    465.35    461.16    455.12    464.88    466.05
200.    432.62    402.79    384.05     78.67     23.65     23.35     23.27    406.78    521.43    479.30    478.84    479.77    474.42    466.28
205.    455.24    407.62    396.67     61.95     23.50     23.45     24.02    401.02    545.00    472.09    474.80    476.28    466.05    460.45
210.    431.16    405.12    394.29     52.68     23.37     23.27     23.30    402.44    495.81    473.25    466.28    463.72    460.00    458.84
215.    451.19    404.29    370.00     94.45     23.27     23.32     23.25    406.07    527.67    478.84    473.72    474.19    465.35    462.09
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 230.   432.32   404.88   370.93    92.98    23.37    23.30    23.45   407.98   499.76   468.37   469.53   473.40   457.44   466.05
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 240.   455.24   439.05   383.33    73.07    24.52    23.65    23.67   422.78   511.39   494.05   479.53   497.62   475.81   463.49
 245.   458.57   421.43   386.67    79.79    23.55    23.65    23.55   428.88   523.49   476.05   476.05   491.90   468.37   460.23
 250.   438.37   436.90   392.14    48.00    23.80    23.60    23.32   424.52   516.90   477.67   479.30   494.05   472.09   468.60
 255.   433.72   402.62   405.24    52.12    24.20    23.85    23.67   430.36   516.51   497.62   474.89   474.88   465.35   465.35
 260.   456.67   423.81   403.57    59.88    23.75    24.27    23.52   430.98   512.56   497.14   479.07   474.19   462.09   457.91
 265.   457.91   403.26   358.38    43.17    24.05    24.45    23.80   431.71   520.71   497.14   476.51   474.19   470.00   460.70
 270.   458.60   422.86   394.05    64.81    23.72    23.75    23.65   432.31   517.67   500.49   492.39   495.71   494.00   473.62
 275.   435.95   407.38   399.05    57.83    23.72    23.63    23.47   436.62   521.19   493.09   476.51   491.90   473.72   471.63
 280.   452.79   429.29   401.43    81.33    23.50    23.52    23.55   436.28   520.70   494.28   495.48   499.57   479.77   473.72
 285.   456.51   428.09   362.79    55.00    23.50    23.50    23.72   436.12   498.37   493.02   491.06   495.12   490.93   474.20
 290.   454.88   428.33   385.00    41.58    24.20    23.45    23.80   438.24   517.14   500.48   500.24   499.76   476.66   465.12
 295.   451.16   438.09   384.05    36.68    23.52    23.50    23.35   436.83   510.45   495.24   493.33   495.12   470.45   456.03
 300.   453.81   409.28   405.71    77.63    23.50    23.45    23.32   431.67   512.09   501.67   497.06   494.48   470.45   463.37
 305.   433.95   406.05   405.24    94.21    23.60    23.63    23.57   430.84   494.19   499.05   496.19   493.33   473.05   472.32
 310.   440.00   406.28   394.76    56.39    23.77    23.82    23.77   432.72   519.30   496.19   497.86   499.33   478.37   470.00
 315.   453.33   421.67   398.81    47.17    23.65    23.67    23.60   433.79   521.86   498.09   495.00   497.06   476.05   464.42
 320.   452.79   434.05   365.09    35.17    23.65    23.63    23.35   436.07   513.49   497.38   495.71   499.52   493.33   477.21
 325.   456.43   408.14   393.81    38.71    24.15    23.52    23.57   434.46   496.28   497.62   497.14   497.62   496.19   476.93
 330.   451.43   403.72   399.52    46.78    23.75    23.60    23.60   435.14   521.43   499.76   495.95   499.52   476.28   492.14
 335.   452.38   407.44   381.67    57.58    23.52    23.47    23.40   436.07   500.00   499.76   500.00   494.65   491.90   473.95
 340.   453.81   426.67   388.57    66.24    23.77    23.50    23.55   434.14   514.52   494.76   479.53   495.71   477.67   477.91
 345.   439.30   403.02   397.38    55.29    23.57    23.63    23.97   436.00   518.33   492.09   499.52   492.79   496.99   492.38
 350.   440.00   421.19   340.79    44.41    24.40    23.63    23.30   436.98   512.06   497.30   493.81   495.00   476.05   476.98
 355.   454.52   410.00   392.38    50.78    23.65    23.67    23.07   437.72   523.49   495.58   491.16   491.16   478.84   470.00
 360.   459.05   407.21   362.79    75.83    23.92    23.85    23.57   438.88   515.71   496.19   493.33   496.19   490.00   478.84
 365.   437.91   402.32   396.67    61.05    23.77    23.65    23.67   440.46   496.28   496.90   497.62   490.70   495.95   479.77
 370.   457.14   429.05   397.86    80.76    24.55    23.87    23.67   451.90   525.35   493.95   490.23   492.32   490.23   476.51
 375.   438.84   427.86   396.43    72.41    23.52    23.42    23.25   440.46   518.81   490.70   499.05   497.62   476.51   474.19
 380.   460.71   406.28   368.05   101.78    23.37    23.55    23.47   453.57   521.39   496.67   496.19   500.95   499.05   498.09
 385.   454.05   405.48   403.02    64.05    23.70    23.77    23.67   440.05   517.14   497.38   498.33   500.24   491.90   480.00
 390.   455.24   429.76   403.81    57.32    23.95    23.63    23.65   453.09   517.66   496.51   493.49   495.35   492.86   475.12
 395.   456.43   405.35   401.19    37.99    24.25    23.70    23.75   452.38   516.51   493.72   496.67   497.14   478.14   479.77
 400.   452.86   421.67   401.43    39.93    24.15    23.90    23.70   453.57   518.04   491.86   495.35   496.05   499.76   496.67
 405.   454.76   407.44   402.62    56.24    24.35    23.72    23.77   454.52   516.51   500.71   496.67   494.52   473.72   477.67
 410.   452.09   423.33   409.28    38.02    24.15    23.92    23.57   453.09   518.33   495.00   497.62   492.32   497.14   480.23
 415.   434.65   406.90   395.24    36.80    24.17    23.63    23.95   455.24   519.76   496.98   493.81   494.52   478.60   492.14
 420.   456.43   423.09   403.57    47.90    24.20    23.72    23.87   456.43   520.93   495.58   499.52   498.81   475.12   477.91
 425.   456.51   403.26   395.95    37.22    23.95    23.60    24.22   452.62   520.24   498.57   496.43   501.19   493.81   476.51
 430.   451.90   401.16   384.52    36.54    25.65    24.00    24.45   455.00   517.38   496.19   495.24   496.67   492.14   492.38
 435.   451.67   402.56   395.71    37.76    24.45    23.90    23.63   455.00   515.95   496.67   496.43   500.71   478.37   476.93
 440.   439.07   403.95   383.09    38.76    24.07    24.20    23.67   455.24   496.74   497.14   499.09   497.86   475.58   475.35
 445.   455.48   425.00   403.33    41.07    24.63    24.25    23.77   454.05   496.98   497.86   497.30   499.05   495.24   480.00
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 455.   440.23   408.09   402.86    35.56    23.77    23.85    23.65   454.28   500.24   495.71   492.86   498.81   478.37   491.90
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 465.   440.00   403.72   398.09    63.81    24.22    23.80    24.00   453.33   512.14   494.05   479.30   491.90   476.05   477.44
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PRC19-W-4-1/4                                                                          PAGE    3

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 740.  285.19  273.66  240.51   27.63   23.30   23.07   23.22  293.76  308.44  308.12  307.95  308.05  308.12  309.32
 745.  282.88  267.22  220.25   28.47   24.40   23.20   23.25  291.81  306.93  306.54  306.61  306.51  304.71  304.41
 750.  279.76  264.49  224.90   27.85   23.27   23.00   23.13  296.83  303.90  303.93  303.93  303.27  292.57  292.98
 755.  276.98  260.90  226.65   28.22   23.30   23.10   23.20  294.95  294.00  293.59  293.50  292.88  297.68  297.29
 760.  274.80  255.37  232.80   27.88   23.37   23.20   23.40  293.12  291.74  291.12  290.98  297.56  296.32  296.12
 765.  270.88  242.15  205.95   27.67   23.82   23.72   23.65  291.12  294.98  294.90  294.07  290.71  206.71  275.29
 770.  255.93  243.93  191.82   27.47   23.87   23.90   23.63  268.88  291.90  290.71  289.63  202.76  283.93  283.56
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 TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
   0.    23.72    23.67    23.67    23.55    23.55   125.41    23.17    23.02    23.00    23.32    24.25    22.75    22.80    22.75
   0.    23.72    23.70    23.70    23.55    23.52   124.89    23.15    23.07    23.05    23.32    24.22    22.80    22.82    22.80
   0.    23.67    23.65    23.75    23.57    23.55    55.27    23.15    23.02    23.02    23.32    24.22    22.80    22.85    22.75
   0.    23.75    23.63    23.72    23.67    23.63   238.76    23.13    23.10    23.05    23.30    24.27    22.77    22.80    22.75
   0.    23.70    23.75    23.70    23.57    23.57   103.05    23.10    23.05    23.02    23.27    24.25    22.65    22.80    22.77
   0.    23.67    23.67    23.72    23.55    23.50   184.60    23.10    23.07    23.00    23.35    24.22    22.65    22.72    22.77
   5.    24.75    25.17    24.42    23.95    23.75   -50.72    23.67    23.57    23.75    23.65    25.80    23.42    23.42    23.27
  10.    32.34    31.39    29.52    28.95    27.52     6.57    28.32    24.00    24.02    23.85    28.25    23.47    24.35    23.27
  15.    33.54    31.76    30.68    29.73    27.40    -0.08    26.42    24.88    24.75    24.15    29.10    23.82    23.97    23.27
  20.    40.19    38.15    36.29    36.29    29.56    19.97    25.10    24.30    24.10    24.35    29.93    23.45    23.50    23.35
  25.    44.49    45.17    40.32    38.24    33.29    73.02    24.95    24.15    24.15    24.75    30.98    23.55    23.87    23.35
  30.    53.12    50.58    47.39    47.19    41.46    59.79    25.90    24.47    24.32    25.25    32.61    23.80    23.90    23.32
  35.    57.73    58.40    57.10    55.00    48.51    48.56    26.47    25.10    24.27    26.00    36.44    23.45    23.63    23.42
  40.    71.51    66.05    62.26    61.00    54.12    41.10    27.92    24.97    24.38    26.77    39.07    23.92    23.90    23.35
  45.    79.76    79.00    75.22    71.44    62.40    81.76    29.54    25.72    24.65    28.00    42.88    24.22    24.15    23.50
  50.    94.67    96.43    92.86    86.90    78.12   100.88    31.68    26.65    25.05    29.57    48.61    24.65    24.65    23.60
  55.   137.42   128.34   114.32   116.37    97.24    85.33    34.44    28.60    25.75    31.61    57.54    25.52    25.57    23.77
  60.   161.02   158.60   141.67   133.30   103.29    78.80    37.02    30.44    27.15    35.00    72.56    27.30    26.60    24.00
  65.   199.32   200.07   171.52   158.32   128.78   215.30    39.63    31.46    29.80    40.07    82.69    29.00    29.20    24.67
  70.   236.76   229.63   199.00   189.05   151.32   218.90    41.03    33.02    30.51    46.73    96.21    29.58    29.82    25.22
  75.   286.15   248.34   231.57   215.22   176.82   105.27    43.95    36.12    34.00    56.66   116.80    31.32    31.76    25.90
  80.   307.63   274.37   248.46   228.29   198.75    86.64    45.05    40.02    36.22    66.83   144.90    35.61    35.07    26.77
  85.   346.81   321.19   293.29   270.68   199.45   173.42    58.05    45.29    43.22    80.30   163.95    40.95    41.73    28.13
  90.   349.95   329.95   303.61   278.32   196.65   225.57    60.64    50.63    47.68    95.81   186.20    44.76    44.19    29.70
  95.   384.29   357.14   320.71   302.83   229.25   -47.79    64.57    55.34    52.54   117.78   202.41    49.78    51.44    30.56
 100.   388.09   365.48   342.54   315.76   218.80   -53.74    71.98    57.86    52.05   137.85   225.77    47.19    45.95    32.51
 105.   401.19   381.43   345.12   311.45   234.29    -5.31    78.51    60.52    50.58   153.45   236.80    52.49    52.63    34.56
 110.   407.86   369.77   352.62   339.80   257.15    21.15    79.93    66.33    56.49   162.25   252.29    50.00    50.39    36.46
 115.   434.28   395.67   366.19   326.90   253.93    55.83    84.69    70.00    62.07   177.52   262.51    57.80    56.63    38.27
 120.   403.33   390.24   389.28   363.95   259.27    23.30    84.81    73.88    63.64   177.20   270.34    58.73    58.38    40.37
 125.   405.48   391.19   363.49   355.48   264.61    39.90    89.43    77.51    65.74   190.22   282.98    58.56    59.62    42.58
 130.   436.19   396.43   391.67   391.90   267.68    11.22   102.68    81.57    72.95   195.02   288.63    65.76    65.40    45.05
 135.   434.52   402.86   393.57   383.09   277.29    46.37   105.98    83.62    74.00   200.95   291.98    69.58    74.41    47.05
 140.   436.67   404.65   395.71   371.63   306.88    71.73    90.71    77.90    80.74   202.12   307.76    74.46    74.12    49.34
 145.   433.02   434.28   408.84   398.09   320.36   115.37    92.02    82.38    77.93   203.66   317.76    75.51    74.85    51.49
 150.   435.24   427.62   404.65   402.14   308.58   120.37    95.86    84.79    86.40   202.29   319.57    75.27    75.49    53.46
 155.   431.86   408.60   397.14   369.77   296.63   996.15    97.36    81.55    90.64   214.82   327.36    75.98    78.29    55.90
 160.   436.19   437.62   404.88   386.67   316.41   102.78   106.95    88.90    89.00   214.35   340.07    78.12    79.59    57.76
 165.   428.33   422.62   404.76   381.67   296.83   126.24   111.73    83.95    93.93   223.30   340.79    78.05    79.31    59.17
 170.   435.12   430.00   407.67   398.57   320.55   177.47   104.51    85.31    94.38   233.22   344.88    81.14    85.02    59.31
 175.   434.65   432.62   435.00   431.19   363.81   324.29   104.54    85.79   102.34   229.60   348.29    90.14    87.09    61.14
 180.   437.91   432.38   429.76   428.33   317.41   249.27   114.05    92.69    96.57   227.07   352.90    85.38    88.36    63.00
 185.   454.52   434.28   410.70   395.95   314.48   268.07   105.66    88.00    96.40   230.87   357.29    81.76    80.43    64.33
 190.   456.19   451.19   433.95   405.12   347.56    88.52   113.90    83.55   100.39   231.54   363.52    83.98    90.83    65.40
 195.   460.23   452.14   407.91   398.81   314.07    93.45   119.61    89.26   102.07   226.55   364.79    85.52    87.12    66.52
 200.   438.37   434.28   435.95   410.46   309.73   235.32   110.34    95.69   100.63   234.10   362.02    88.43    92.21    69.56
 205.   454.65   438.14   435.35   428.09   342.09    94.83   115.34    93.74   107.00   245.00   362.30    89.19    90.38    71.05
 210.   458.84   434.42   436.90   435.24   355.24   231.39   114.58    93.09   109.76   248.68   367.12    87.69    88.07    72.41
 215.   457.38   434.88   421.19   400.95   325.83   270.80   112.39    91.86   116.07   248.93   370.42    93.21    97.57    73.49
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TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
225.	452.56	455.48	434.65	408.14	321.45	270.90	117.46	102.78	111.90	252.56	384.17	95.40	96.31	76.78
230.	458.84	437.67	433.02	431.43	329.90	113.61	119.71	97.24	107.02	248.22	384.57	93.19	93.14	77.49
235.	461.63	457.14	433.57	438.09	313.88	93.48	117.46	101.34	113.07	244.17	390.02	95.81	103.98	78.15
240.	459.07	455.35	460.95	433.72	358.33	266.66	119.00	101.24	115.32	247.32	391.55	93.62	100.66	79.34
245.	451.86	439.77	438.33	407.86	346.56	260.24	124.00	97.00	116.24	246.66	392.90	92.26	100.05	78.31
250.	456.74	456.28	453.81	430.71	360.00	231.77	117.80	104.54	112.66	244.32	393.31	95.14	100.29	78.83
255.	462.32	458.81	437.44	439.52	367.62	543.49	123.76	109.19	117.66	256.98	398.29	97.45	103.19	79.69
260.	459.76	454.05	433.49	409.07	344.00	261.44	125.58	105.41	119.85	264.59	393.74	102.75	110.73	80.81
265.	454.65	460.00	453.81	410.70	347.95	261.63	124.78	107.85	119.56	263.44	401.33	100.12	105.56	82.17
270.	466.28	453.95	451.43	407.91	353.33	253.02	120.93	106.76	119.73	273.32	403.12	94.33	105.17	82.90
275.	470.23	456.05	439.07	435.24	362.62	476.51	123.80	116.29	120.90	277.85	407.49	100.71	107.19	83.48
280.	469.77	451.39	438.84	422.86	345.43	252.32	126.93	112.73	118.54	272.63	405.90	107.70	111.37	84.21
285.	461.39	450.46	453.81	436.28	360.95	250.10	133.85	116.85	125.54	261.49	407.95	105.41	109.51	85.02
290.	450.46	440.46	433.49	407.67	363.33	255.34	135.30	112.41	127.61	264.71	401.42	103.24	112.76	86.31
295.	456.74	451.90	433.02	407.44	367.86	94.38	123.05	112.69	128.34	272.78	491.07	100.22	110.02	87.59
300.	457.67	457.86	455.95	435.81	368.33	1416.41	134.35	115.80	128.41	268.88	403.93	110.27	112.71	88.55
305.	467.91	459.30	459.28	438.09	358.57	1459.20	133.57	107.88	129.41	270.66	404.56	111.22	109.95	89.57
310.	458.14	452.09	452.79	438.33	342.76	92.29	127.02	111.46	129.32	275.49	404.84	106.19	114.80	90.74
315.	451.39	438.14	434.65	424.05	347.86	103.37	129.32	112.71	129.12	274.93	405.86	105.19	105.44	91.26
320.	470.70	456.28	455.48	439.76	341.86	101.46	137.00	111.56	125.39	282.49	408.42	104.66	109.46	91.33
325.	470.00	453.95	453.81	430.24	361.19	1359.74	138.57	117.85	127.61	285.93	410.91	109.73	111.39	91.57
330.	478.84	454.42	435.81	439.29	355.71	1433.85	140.22	124.63	125.22	273.41	410.28	111.73	114.46	91.67
335.	464.65	455.24	451.39	453.57	364.88	89.98	135.77	118.24	133.67	285.32	422.45	114.39	107.95	92.05
340.	473.25	460.70	460.48	437.14	366.74	86.19	129.56	116.71	121.10	285.68	421.74	104.83	114.71	92.79
345.	468.60	453.95	451.43	429.29	358.33	1702.31	145.05	114.93	134.25	282.22	423.89	113.54	117.24	93.36
350.	470.93	457.91	458.81	434.65	367.67	1736.41	133.82	116.05	138.20	289.54	423.57	106.76	104.17	94.48
355.	463.72	459.07	452.32	438.60	362.09	1806.15	135.63	116.78	135.45	288.61	424.95	113.63	114.54	94.69
360.	473.25	464.42	461.86	435.81	365.24	1819.49	136.00	116.56	137.17	290.79	426.07	116.41	120.15	95.83
365.	465.35	459.52	452.38	433.02	356.43	1977.44	139.27	121.08	140.07	290.24	427.95	112.78	117.22	96.67
370.	470.70	463.72	452.56	431.39	363.57	1970.26	136.30	118.83	142.40	292.31	428.38	118.07	123.32	100.12
375.	474.65	465.35	455.12	454.76	363.57	2528.72	150.15	122.34	138.00	289.15	428.76	117.27	117.29	100.78
380.	478.37	462.56	459.52	435.71	365.71	2710.26	147.52	118.32	141.65	297.46	429.48	119.34	125.41	101.15
385.	477.91	474.19	459.77	432.56	363.26	2668.46	147.72	122.17	142.30	294.37	430.62	123.93	129.54	101.76
390.	466.28	458.14	455.71	437.21	369.77	2581.79	143.02	119.61	140.72	292.07	432.24	114.02	120.41	102.29
395.	472.32	459.28	438.14	435.71	358.09	2388.20	144.20	126.90	135.25	289.05	432.14	104.27	115.66	102.19
400.	477.91	462.79	457.14	436.67	365.58	1813.33	145.50	125.34	138.07	290.34	432.95	120.56	121.98	102.49
405.	470.00	459.77	459.05	434.42	368.57	1406.67	144.70	110.85	142.15	301.71	433.40	130.00	129.24	104.02
410.	473.25	455.81	459.28	434.42	382.38	1693.59	143.80	121.93	141.65	292.29	432.48	114.76	118.39	104.78
415.	477.44	472.56	451.63	439.77	362.14	792.93	150.22	123.63	143.50	301.51	435.12	112.41	121.24	105.29
420.	463.49	452.09	454.76	435.24	362.09	335.00	145.00	121.22	140.15	296.10	435.55	113.90	121.54	105.76
425.	470.23	455.81	454.19	433.72	388.09	69.76	141.02	120.66	140.42	292.07	433.81	118.78	127.51	105.66
430.	473.72	467.21	459.77	457.14	389.76	71.71	140.50	122.29	143.25	302.73	434.50	126.71	125.27	106.34
435.	466.28	457.91	453.72	451.43	388.57	58.01	150.40	120.54	146.32	302.98	435.67	122.61	124.66	107.05
440.	473.95	467.91	463.25	460.00	405.67	-288.97	148.95	124.50	144.38	302.32	435.95	109.19	120.10	106.68
445.	478.14	471.39	460.46	435.58	383.09	92.14	140.57	127.44	147.55	293.93	434.24	123.51	125.41	106.46
450.	466.05	460.24	457.91	452.62	368.33	166.50	157.20	130.00	147.05	293.38	433.98	110.05	136.40	107.13
455.	473.49	464.42	455.35	431.86	371.39	27.25	152.25	121.56	150.45	301.63	434.70	122.54	133.97	107.78
460.	468.14	466.51	465.58	453.95	381.05	-557.41	148.47	117.70	151.57	297.29	434.36	135.77	147.32	108.39
465.	468.60	462.56	463.25	452.79	385.00	-259.25	155.40	137.35	144.07	297.70	431.09	114.17	121.61	109.24
470.	468.60	457.21	450.93	454.05	367.67	[illegible]	151.10	129.29	[illegible]	296.49	432.67	127.45	[illegible]	110.78

TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
475.	467.91	462.56	452.09	430.70	370.93	-135.90	146.68	123.44	142.40	291.19	432.43	138.02	135.20	108.73
480.	471.86	462.56	452.79	435.00	363.49	-140.46	155.65	125.07	144.90	306.29	432.40	126.12	129.17	106.73
485.	461.39	456.98	459.28	435.71	369.07	0.25	153.67	124.41	144.80	293.95	430.50	114.05	124.44	109.51
490.	454.19	458.09	455.24	434.52	363.72	-51.54	154.13	140.35	146.25	288.24	426.93	119.68	125.90	110.12
495.	457.21	455.95	437.91	426.43	364.80	151.25	147.07	127.00	144.45	291.39	425.67	120.51	135.95	110.76
500.	450.70	452.14	439.29	423.33	367.91	19.09	146.70	126.46	145.90	288.29	423.40	110.41	123.95	110.90
505.	456.74	433.95	440.24	408.60	361.19	-502.31	155.80	139.00	147.35	292.34	421.95	110.61	125.44	110.63
510.	456.05	459.76	437.44	430.48	363.49	-145.64	148.02	128.51	144.47	207.17	409.67	126.10	124.12	110.83
515.	456.05	456.90	431.16	409.77	353.33	-615.38	149.12	139.22	138.60	282.71	409.44	106.83	122.61	110.51
520.	455.35	452.62	435.95	408.37	357.14	-260.77	147.80	138.52	139.05	285.05	407.65	115.63	121.56	110.00
525.	452.86	431.16	437.38	423.09	360.71	-601.54	139.52	125.39	141.35	280.71	405.12	110.90	121.76	109.58
530.	436.98	432.09	431.43	404.05	352.30	-389.51	141.57	118.49	130.70	270.70	402.05	117.03	120.61	109.07
535.	454.76	433.81	425.24	402.62	355.95	241.22	142.02	117.78	133.95	281.00	409.67	124.98	120.51	109.17
540.	458.57	438.57	425.95	410.48	347.93	110.02	142.63	128.17	139.15	283.93	406.57	114.90	118.19	108.76
545.	437.14	428.33	420.95	399.52	343.57	126.76	147,72	123.07	137.05	279.27	405.09	102.95	115.07	108.37
550.	432.14	410.46	402.56	394.29	344.79	145.97	140.38	116.93	127.12	276.41	400.36	106.70	113.98	108.34
555.	427.62	429.76	408.14	394.76	353.81	-306.15	142.02	120.80	133.47	270.66	397.55	114.56	119.93	107.71
560.	430.55	422.14	401.28	386.98	339.78	146.12	139.15	124.00	128.98	268.54	395.95	107.41	116.60	107.39
565.	439.81	428.69	403.98	392.43	344.39	167.97	149.30	120.63	120.61	265.56	392.74	111.93	116.93	107.22
570.	410.14	403.14	409.64	389.33	349.93	97.02	142.35	125.85	134.77	267.46	391.62	116.39	119.49	107.02
575.	423.93	410.12	408.57	385.55	326.21	101.73	140.55	128.73	134.57	261.17	388.74	104.05	119.46	106.90
580.	405.07	405.09	392.90	364.14	312.14	109.39	141.80	122.51	125.76	262.37	385.07	117.17	113.34	106.39
585.	403.21	407.62	398.71	364.42	323.59	105.37	128.85	125.83	126.49	260.12	382.48	119.15	116.39	106.02
590.	404.31	397.07	391.95	368.55	321.69	-256.15	135.00	129.78	125.66	255.17	371.14	101.56	110.44	105.85
595.	406.40	398.26	389.28	364.40	311.07	343.57	129.46	119.63	128.05	255.46	368.28	114.93	112.83	105.17
600.	405.43	394.90	386.93	363.55	313.44	78.64	133.92	122.19	127.85	253.73	365.21	104.73	117.10	105.27
605.	395.98	384.38	363.98	361.26	311.05	102.90	136.90	125.80	124.32	243.29	361.72	114.78	114.68	104.73
610.	388.76	382.29	365.09	352.81	314.00	130.29	146.70	129.56	124.12	249.58	366.07	114.27	117.12	104.90
615.	382.19	362.79	362.33	352.83	308.41	143.50	145.02	129.49	120.15	239.56	361.95	114.12	115.88	104.60
620.	370.37	361.81	360.45	349.52	307.71	165.27	151.92	133.65	116.70	242.63	350.43	103.95	112.44	104.29
625.	369.09	362.00	360.02	341.76	311.88	94.62	143.80	129.90	115.12	247.63	354.93	107.19	107.00	103.51
630.	366.74	367.40	357.36	343.64	293.62	106.80	143.25	128.51	114.27	247.85	351.48	111.90	110.17	103.10
635.	367.81	359.98	354.31	347.24	316.56	97.02	142.25	134.00	117.49	245.93	349.62	111.54	113.05	102.56
640.	368.71	360.26	353.98	343.14	314.71	-130.77	154.60	134.05	115.27	245.29	343.90	107.29	103.85	102.54
645.	367.74	358.31	355.05	343.12	313.50	-802.31	151.63	134.00	114.03	237.46	340.76	110.51	110.17	102.50
650.	355.33	346.95	342.83	342.66	311.19	83.76	153.97	129.80	116.51	231.90	345.76	106.07	116.66	102.56
655.	353.24	346.50	344.40	342.56	314.19	113.51	153.25	133.95	115.44	229.95	341.61	111.73	112.41	102.76
660.	351.71	348.41	344.95	340.32	309.12	153.97	147.77	128.00	113.27	233.22	330.02	111.41	109.46	102.17
665.	349.79	342.17	345.10	327.93	303.90	79.27	142.47	123.08	110.37	227.40	327.12	108.19	106.24	102.15
670.	347.40	342.81	343.10	324.21	296.58	421.90	141.05	128.02	112.34	223.42	324.09	100.37	110.10	101.54
675.	348.34	340.00	327.50	318.07	293.73	543.72	140.45	126.19	110.73	217.92	320.08	107.22	111.61	101.44
680.	347.17	328.81	323.29	312.67	288.98	-177.95	147.42	127.76	116.78	214.50	310.14	109.51	113.15	101.00
685.	329.64	323.59	318.95	317.80	286.90	133.37	135.95	122.49	114.76	217.97	315.09	107.00	109.93	101.05
690.	328.36	320.48	317.55	317.12	272.39	178.50	141.27	120.54	108.68	214.82	312.43	102.66	102.17	100.76
695.	327.90	321.19	317.45	312.66	271.37	341.29	139.57	119.66	109.88	200.95	317.05	103.12	108.44	100.05
700.	320.81	312.59	311.36	310.44	274.02	347.07	138.02	119.83	115.17	201.66	314.32	100.37	111.39	97.52
705.	317.81	310.62	314.12	292.00	263.88	433.57	133.92	122.24	108.58	202.41	311.50	102.12	106.95	100.56
710.	314.21	316.02	312.49	294.98	264.39	-1780.20	129.37	123.34	104.51	202.32	308.05	97.50	94.31	97.07
715.	311.50	313.98	305.12	291.80	254.95	122.10	129.60	118.00	105.55	202.00	306.51	104.12	101.60	95.74
720.	317.49	312.68	304.07	289.54	250.73	165.17	133.47	119.66	102.44	198.95	303.56	100.05	97.21	95.05

TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
725.	311.51	305.73	291.88	286.98	247.68	-396.67	123.02	116.05	103.12	198.46	293.90	95.24	92.64	93.59
730.	309.17	305.95	291.83	286.44	251.66	499.05	122.56	116.76	104.54	195.80	291.81	103.12	96.08	92.57
735.	307.12	301.83	291.05	281.41	240.05	-11.28	127.34	118.15	106.24	192.00	296.63	94.00	100.12	91.52
740.	303.98	291.88	288.78	280.88	243.73	128.32	120.37	112.02	102.71	193.25	294.58	101.54	94.90	90.62
745.	291.26	296.83	291.12	278.17	236.41	175.52	120.10	114.00	105.39	186.77	292.63	100.49	107.71	90.79
750.	291.98	295.29	286.05	271.44	238.37	666.05	119.19	111.54	100.27	188.82	290.32	90.52	92.64	91.83
755.	295.41	292.41	282.49	272.44	238.41	662.56	117.29	111.34	101.78	188.60	288.29	91.02	93.79	93.24
760.	290.63	285.80	276.83	267.41	230.29	-1012.03	121.12	114.27	94.33	183.27	286.51	92.93	93.26	94.67
765.	282.00	276.51	266.54	258.95	228.77	135.22	134.60	119.19	90.86	179.00	284.24	89.43	88.88	96.09
770.	281.44	268.49	267.17	252.73	228.32	100.07	138.15	107.73	91.79	173.15	281.73	90.45	86.45	97.31

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TIME      28       29       30      31        32       33       34       35       36       37       38       39       40       41
   0.    23.25    23.22    19.29 13987.31   -0.00    -0.01    -0.02     0.09     0.00     0.00     0.00     0.00    21.00    -0.06
   0.    23.32    23.32    29.46 14101.19   -0.00    -0.01    -0.02     0.23     0.00     0.00     0.00     0.00    20.99     0.64
   0.    23.40    23.37    40.03 14015.78   -0.00    -0.01    -0.02     0.10     0.00     0.00     0.00     0.00    20.99     0.56
   0.    23.42    23.27    50.21 14944.25   -0.00    -0.01    -0.02     0.18     0.00     0.00     0.00    -0.00    20.99    -0.43
   0.    23.40    23.30    59.45 14044.25    0.00    -0.01    -0.02     0.00     0.00     0.00     0.00     0.00    20.99     0.61
   0.    23.27    23.27    69.64 14044.25   -0.00    -0.01    -0.02    -0.15     0.00     0.00     0.00     0.00    21.01    -1.32
   5.    23.52    23.60    10.04 14061.33    0.00    -0.01    -0.01    -0.08     0.00     0.00     0.00     0.00    20.95    -0.09
  10.    30.90    29.15    19.28 13987.31    0.00    -0.00    -0.00     0.57     0.00     0.00     0.00     0.00    20.95    -0.27
  15.    26.77    28.30    29.46 13930.37    0.00    -0.00     0.00     0.50     0.00     0.00     0.00     0.00    20.93     0.83
  20.    37.98    34.37    40.03 13987.31    0.00     0.00     0.01     0.11     0.00     0.00     0.00     0.01    20.82     3.10
  25.    37.05    37.34    50.21 13958.84    0.00     0.01     0.02    -0.20     0.00     0.00     0.00     0.01    20.72     3.16
  30.    48.29    43.24    59.45 13987.31    0.01     0.01     0.04    -0.44     0.00     0.00     0.00     0.01    20.57     2.31
  35.    57.83    50.98    69.63 13901.90    0.01     0.02     0.06    -0.47     0.00     0.00     0.00     0.02    20.47     2.49
  40.    55.98    53.27    10.04 13944.61    0.02     0.03     0.08     1.88     0.00     0.00     0.00     0.02    20.34     2.60
  45.    67.57    60.14    19.28 13973.43    0.03     0.05     0.17     1.66     0.00     0.00     0.00     0.03    20.21     6.30
  50.    81.02    77.54    29.46 13816.49    0.05     0.07     0.19     1.31     0.00     0.00     0.00     0.05    20.03     6.62
  55.    90.33    88.24    40.03 13816.49    0.08     0.11     0.31    -0.32     0.00     0.00     0.00     0.07    19.82     5.26
  60.   111.32   100.05    50.22 13759.55    0.12     0.16     0.40    -0.53     0.00     0.00     0.00     0.11    19.53    10.53
  65.   157.52   121.02    59.45 13674.14    0.17     0.23     0.51    -0.64     0.00     0.00     0.00     0.14    19.15     8.10
  70.   158.50   146.85    69.64 13617.20    0.26     0.35     0.77    -0.73     0.00     0.00     0.00     0.22    18.66    10.17
  75.   181.15   170.20    10.05 13548.88    0.35     0.50     1.00     4.12     0.00     0.00     0.00     0.32    18.06     8.53
  80.   194.87   185.82    19.29 13389.44    0.45     0.68     1.32     3.54     0.00     0.00     0.00     0.42    17.22     7.53
  85.   190.77   186.20    29.46 13247.09    0.57     0.84     1.54     2.60     0.00     0.00     0.00     0.56    16.37    11.03
  90.   192.75   182.55    40.03 13161.68    0.66     1.03     1.93    -0.63     0.00     0.00     0.00     0.66    15.30    12.33
  95.   193.00   198.52    50.21 13019.33    0.76     1.12     2.08    -0.92     0.00     0.00     0.00     0.79    14.14    13.75
 100.   213.80   199.95    59.46 12876.98    0.83     1.20     2.23    -1.08     0.00     0.00     0.00     0.87    13.00    11.17
 105.   201.67   203.39    69.63 12706.16    0.89     1.26     2.36    -1.03     0.00     0.00     0.00     0.89    11.99    12.17
 110.   255.41   239.39    10.05 12706.16    0.95     1.25     2.38     5.02     0.00     0.00     0.00     0.99    10.99    10.45
 115.   258.78   244.00    19.28 12449.93    1.00     1.33     2.55     4.26     0.00     0.00     0.00     1.07    10.21    10.39
 120.   239.93   246.54    29.46 12336.05    1.04     1.35     2.72     2.96     0.00     0.00     0.00     1.11     9.62    13.21
 125.   254.12   260.73    40.03 12136.76    1.06     1.33     2.63    -0.50     0.00     0.00     0.00     1.07     9.11    12.67
 130.   236.61   258.80    50.22 11994.41    1.10     1.35     2.86    -0.09     0.00     0.00     0.00     1.16     8.80     8.63
 135.   261.05   273.02    59.45 11823.59    1.13     1.31     2.09    -1.10     0.00     0.00     0.00     1.17     8.54    11.77
 140.   302.00   293.71    69.64 11709.71    1.17     1.31     2.83    -1.08     0.00     0.00     0.00     1.27     8.34    10.13
 145.   317.07   311.41    10.05 11607.22    1.21     1.29     2.82     5.12     0.00     0.00     0.00     1.33     8.33    12.38
 150.   294.14   292.80    19.28 11425.01    1.24     1.29     2.82     4.36     0.00     0.00     0.00     1.31     8.20    13.29
 155.   297.54   291.74    29.46 11282.66    1.26     1.32     2.85     2.04     0.00     0.00     0.00     1.25     8.13    13.24
 160.   319.00   307.61    40.02 11168.78    1.29     1.23     2.61    -0.68     0.00     0.00     0.00     1.35     8.14    10.51
 165.   292.93   296.90    50.21 10969.49    1.30     1.22     2.61    -0.94     0.00     0.00     0.00     1.27     7.94    13.26
 170.   307.34   315.73    59.45 10790.67    1.33     1.20     2.40    -1.11     0.00     0.00     0.00     1.33     8.00    12.07
 175.   313.22   329.88    69.63 10684.79    1.36     1.16     2.31    -1.12     0.00     0.00     0.00     1.42     8.07    13.57
 180.   296.76   314.32    10.05 10599.38    1.37     1.16     2.34     5.23     0.00     0.00     0.00     1.32     8.05    13.37
 185.   307.07   308.78    19.28 10457.03    1.38     1.15     2.30     4.42     0.00     0.00     0.00     1.35     8.12    13.35
 190.   347.14   341.00    29.46 10257.74    1.42     1.11     2.12     2.90     0.00     0.00     0.00     1.43     8.32    11.28
 195.   313.62   316.07    40.03 10086.92    1.40     1.09     2.06    -0.77     0.00     0.00     0.00     1.43     8.33    10.60
 200.   291.29   302.90    50.21 10058.45    1.43     1.06     2.01    -0.90     0.00     0.00     0.00     1.39     8.61    12.47
 205.   344.61   327.33    59.45  9921.80    1.46     1.05     1.97    -1.13     0.00     0.00     0.00     1.45     8.58    12.01
 210.   404.14   362.95    69.63  9762.36    1.47     1.01     1.86    -1.15     0.00     0.00     0.00     1.70     8.70    13.77
 215.   330.36   320.52    10.03  9639.94    1.48     1.01     1.84     5.30     0.00     0.00     0.00     1.49     8.72    11.39
 220.   295.00   312.24    19.27  9508.98    1.48     0.99     1.79     4.39     0.00     0.00     0.00     1.44     8.92    12.19
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TIME	28	29	30	31	32	33	34	35	36	37	38	39	40	41
225.	313.22	316.69	29.46	9378.02	1.49	0.99	1.80	2.76	0.00	0.00	0.00	1.42	8.84	12.14
230.	323.31	323.69	40.03	9215.74	1.53	0.95	1.74	-0.80	0.00	0.00	0.00	1.49	8.97	10.31
235.	306.56	312.02	50.21	9070.54	1.54	0.97	1.79	-0.95	0.00	0.00	0.00	1.49	9.15	14.01
240.	324.86	342.15	59.45	8979.44	1.55	0.94	1.73	-1.09	0.00	0.00	0.00	1.50	9.16	11.92
245.	346.24	346.46	69.63	8839.93	1.54	0.93	1.72	-1.08	0.00	0.00	0.00	1.44	9.30	13.72
250.	356.02	350.33	10.05	8694.74	1.58	0.91	1.70	5.41	0.00	0.00	0.00	1.51	9.39	14.41
255.	368.26	356.00	19.29	8592.24	1.59	0.89	1.64	4.39	0.00	0.00	0.00	1.57	9.42	11.94
260.	341.05	343.14	29.47	8447.05	1.60	0.89	1.64	3.09	0.00	0.00	0.00	1.51	9.45	13.19
265.	346.45	344.71	40.03	8310.39	1.60	0.91	1.67	-0.51	0.00	0.00	0.00	1.51	9.51	10.61
270.	352.40	344.59	50.21	8187.97	1.64	0.86	1.58	-0.96	0.00	0.00	0.00	1.53	9.52	11.93
275.	404.84	364.49	59.45	8034.23	1.64	0.86	1.57	-1.05	0.00	0.00	0.00	1.67	9.51	10.61
280.	345.05	351.71	69.64	7928.89	1.63	0.84	1.54	-1.17	0.00	0.00	0.00	1.59	9.45	13.07
285.	347.32	348.21	10.04	7815.02	1.65	0.83	1.53	5.48	0.00	0.00	0.00	1.59	9.54	12.61
290.	368.31	366.69	19.27	7692.60	1.64	0.82	1.48	4.45	0.00	0.00	0.00	1.53	9.58	13.12
295.	355.86	362.36	29.46	7584.41	1.66	0.81	1.42	2.84	0.00	0.00	0.00	1.52	9.74	10.64
300.	390.50	366.83	40.02	7459.14	1.67	0.80	1.40	-0.82	0.00	0.00	0.00	1.59	9.97	11.55
305.	354.69	349.02	50.22	7336.72	1.67	0.79	1.37	-0.91	0.00	0.00	0.00	1.55	9.93	13.11
310.	319.76	345.44	59.45	7222.84	1.69	0.77	1.35	-1.12	0.00	0.00	0.00	1.56	10.08	13.18
315.	343.45	350.33	69.64	7080.49	1.60	0.76	1.32	-1.09	0.00	0.00	0.00	1.54	10.20	8.72
320.	343.39	348.51	10.05	6975.15	1.69	0.74	1.29	5.39	0.00	0.00	0.00	1.56	10.25	12.94
325.	362.36	363.45	19.28	6832.80	1.70	0.72	1.28	4.47	0.00	0.00	0.00	1.57	10.34	10.64
330.	363.31	366.50	29.46	6707.53	1.72	0.72	1.27	3.03	0.00	0.00	0.00	1.67	10.40	13.03
335.	343.54	354.59	40.03	6619.27	1.70	0.70	1.25	-0.50	0.00	0.00	0.00	1.59	10.53	10.85
340.	382.74	364.28	50.22	6508.24	1.73	0.69	1.23	-0.93	0.00	0.00	0.00	1.63	10.42	12.31
345.	360.81	359.79	59.45	6380.13	1.75	0.69	1.23	-1.18	0.00	0.00	0.00	1.62	10.49	9.50
350.	388.14	388.33	69.64	6263.40	1.73	0.68	1.23	-1.14	0.00	0.00	0.00	1.61	10.60	9.59
355.	357.19	370.00	10.05	6152.36	1.76	0.68	1.23	5.43	0.00	0.00	0.00	1.58	10.61	12.74
360.	362.12	359.09	19.28	6055.57	1.76	0.66	1.22	4.43	0.00	0.00	0.00	1.60	10.64	13.65
365.	360.29	360.59	29.46	5924.61	1.77	0.65	1.22	2.98	0.00	0.00	0.00	1.64	10.69	11.82
370.	355.62	366.14	40.02	5827.81	1.79	0.66	1.23	-0.77	0.00	0.00	0.00	1.50	10.77	14.01
375.	360.24	360.86	50.20	5705.39	1.80	0.64	1.21	-1.07	0.00	0.00	0.00	1.62	10.79	12.16
380.	362.36	359.86	59.44	5602.89	1.79	0.63	1.22	-1.22	0.00	0.00	0.00	1.56	10.77	11.90
385.	365.46	365.67	69.62	5477.63	1.79	0.62	1.21	-1.18	0.00	0.00	0.00	1.65	10.81	13.75
390.	371.02	367.91	10.03	5386.52	1.80	0.61	1.22	5.16	0.00	0.00	0.00	1.64	10.80	13.75
395.	350.83	364.90	19.26	5266.95	1.80	0.59	1.20	4.44	0.00	0.00	0.00	1.63	10.83	11.51
400.	355.64	368.52	29.44	5170.69	1.81	0.59	1.21	3.10	0.00	0.00	0.00	1.58	10.92	12.14
405.	359.76	369.45	40.01	5084.74	1.81	0.59	1.22	-0.44	0.00	0.00	0.00	1.60	11.02	11.50
410.	369.74	384.69	50.20	4956.63	1.83	0.59	1.21	-0.93	0.00	0.00	0.00	1.60	11.07	10.80
415.	391.74	369.12	59.43	4856.98	1.85	0.57	1.20	-1.10	0.00	0.00	0.00	1.74	11.16	12.49
420.	386.17	370.95	69.61	4771.57	1.84	0.57	1.21	-1.16	0.00	0.00	0.00	1.65	11.11	12.45
425.	355.93	382.00	10.03	4646.30	1.84	0.55	1.20	5.37	0.00	0.00	0.00	1.58	11.32	13.13
430.	385.67	384.90	19.26	4549.51	1.86	0.55	1.22	4.40	0.00	0.00	0.00	1.65	11.16	9.70
435.	388.79	389.31	29.45	4452.70	1.84	0.55	1.21	2.96	0.00	0.00	0.00	1.67	11.13	13.26
440.	388.00	393.21	40.02	4361.60	1.84	0.54	1.21	-0.57	0.00	0.00	0.00	1.60	11.20	14.39
445.	359.74	369.32	50.21	4256.27	1.81	0.53	1.21	-0.05	0.00	0.00	0.00	1.57	11.35	10.64
450.	384.81	384.12	59.43	4176.55	1.86	0.51	1.20	-1.28	0.00	0.00	0.00	1.63	11.50	13.02
455.	362.65	380.67	69.61	4068.36	1.84	0.51	1.20	-1.22	0.00	0.00	0.00	1.62	11.38	13.01
460.	351.49	361.55	10.03	3990.11	1.81	0.50	1.20	5.40	0.00	0.00	0.00	1.58	11.43	13.65
465.	364.33	363.02	19.27	3883.31	1.80	0.49	1.19	4.37	0.00	0.00	0.00	1.57	11.67	11.80
470.	367.17	368.42	29.45	3786.51	1.79	0.48	1.19	3.01	0.00	0.00	0.00	1.53	11.77	12.66

```
TIME      28       29       30      31       32      33      34      35      36      37      38      39      40      41
 475.   392.59   384.26   40.02  3692.56   1.78    0.47    1.18   -0.44    0.00    0.00    0.00    1.54   11.86   10.63
 480.   367.79   363.32   50,21  3629.93   1.75    0.46    1.17   -1.05    0.00    0.00    0.00    1.47   12.02   10.80
 485.   367.26   382.24   59.44  3530.28   1.77    0.45    1.17   -1.17    0.00    0.00    0.00    1.49   12.04   10.64
 490.   392.24   367.00   69.63  3442.02   1.74    0.44    1.17   -1.18    0.00    0.00    0.00    1.49   12.18    9.52
 495.   382.02   367.39   10.04  3356.61   1.70    0.43    1.16    5.21    0.00    0.00    0.00    1.42   12.30    8.65
 500.   364.49   361.95   19.28  3330.99   1.67    0.42    1.14    4.37    0.00    0.00    0.00    1.43   12.46   11.63
 505.   369.17   368.24   29.46  3211.42   1.67    0.42    1.14    3.07    0.00    0.00    0.00    1.42   12.62   12.23
 510.   364.28   364.23   40.02  3165.06   1.63    0.41    1.14   -0.73    0.00    0.00    0.00    1.42   12.75   10.64
 515.   356.17   359.67   50.20  3083.30   1.60    0.40    1.13   -1.03    0.00    0.00    0.00    1.36   12.87   10.70
 520.   347.07   348.33   59.43  3014.97   1.57    0.39    1.10   -1.18    0.00    0.00    0.00    1.32   12.99   11.15
 525.   366.83   359.29   69.62  2926.72   1.56    0.38    1.10   -1.17    0.00    0.00    0.00    1.32   13.11    9.73
 530.   349.45   347.00   10.04  2889.71   1.52    0.38    1.09    5.13    0.00    0.00    0.00    1.28   13.33   10.49
 535.   363.05   357.21   19.27  2861.23   1.50    0.37    1.08    4.14    0.00    0.00    0.00    1.30   13.53   13.40
 540.   353.12   345.86   29.45  2790.06   1.49    0.36    1.07    2.85    0.00    0.00    0.00    1.28   13.66   12.55
 545.   349.79   346.83   40.02  2710.35   1.45    0.34    1.05   -0.57    0.00    0.00    0.00    1.23   13.83   10.45
 550.   342.44   346.83   50.20  2653.40   1.41    0.34    1.05   -1.01    0.00    0.00    0.00    1.17   13.97   13.26
 555.   346.62   341.57   59.44  2610.70   1.41    0.34    1.03   -1.20    0.00    0.00    0.00    1.16   14.13   12.77
 560.   345.31   342.10   69.63  2536.68   1.39    0.33    1.02   -1.23    0.00    0.00    0.00    1.14   14.23   11.65
 565.   312.63   321.67   10.04  2482.59   1.36    0.32    1.01    4.91    0.00    0.00    0.00    1.10   14.37   13.49
 570.   342.73   327.76   19.27  2459.81   1.35    0.32    1.00    4.14    0.00    0.00    0.00    1.12   14.52   12.69
 575.   306.56   316.17   29.46  2400.02   1.32    0.31    0.99    2.89    0.00    0.00    0.00    1.09   14.62   12.20
 580.   303.29   310.10   40.02  2368.71   1.30    0.30    0.98   -0.59    0.00    0.00    0.00    1.06   14.71   11.02
 585.   322.52   314.50   50.20  2326.00   1.29    0.30    0.97   -1.01    0.00    0.00    0.00    1.04   14.81    9.69
 590.   291.07   293.83   59.44  2229.20   1.24    0.29    0.96   -1.24    0.00    0.00    0.00    1.02   14.94   10.87
 595.   310.76   306.98   69.62  2226.35   1.25    0.28    0.94   -1.27    0.00    0.00    0.00    1.03   15.07    7.58
 600.   313.40   313.63   10.04  2311.76   1.19    0.28    0.94    4.74    0.00    0.00    0.00    1.00   15.14    9.23
 605.   294.19   291.48   19.28  2064.08   1.10    0.27    0.91    4.00    0.00    0.00    0.00    0.96   15.26    9.73
 610.   294.14   293.40   29.45  1995.75   1.07    0.26    0.90    2.78    0.00    0.00    0.00    0.92   15.38   12.93
 615.   293.37   293.07   40.03  1941.65   1.04    0.25    0.88   -0.47    0.00    0.00    0.00    0.90   15.53   10.72
 620.   288.83   292.14   50.21  1910.34   1.03    0.24    0.86   -1.01    0.00    0.00    0.00    0.89   15.79    9.62
 625.   278.80   291.34   59.44  1876.17   1.02    0.24    0.85   -1.22    0.00    0.00    0.00    0.87   16.03    8.01
 630.   295.07   293.46   69.63  1551.61   0.98    0.23    0.84   -1.24    0.00    0.00    0.00    0.83   16.15    7.37
 635.   312.81   307.54   10.05  1617.10   0.93    0.23    0.83    4.72    0.00    0.00    0.00    0.84   16.24    9.63
 640.   306.73   316.17   19.28  1538.63   0.92    0.22    0.82    3.71    0.00    0.00    0.00    0.81   16.31    8.83
 645.   315.37   311.07   29.46  1525.99   0.89    0.22    0.79    2.52    0.00    0.00    0.00    0.79   16.42   11.29
 650.   308.34   316.44   40.02  1517.45   0.83    0.21    0.78   -0.55    0.00    0.00    0.00    0.75   16.49   11.42
 655.   310.85   314.58   50.20  1486.13   0.83    0.21    0.76   -1.15    0.00    0.00    0.00    0.75   16.59    9.13
 660.   302.58   307.58   59.44  1474.75   0.81    0.21    0.76   -1.31    0.00    0.00    0.00    0.73   16.70    8.03
 665.   292.29   301.51   69.63  1463.36   0.79    0.21    0.74   -1.27    0.00    0.00    0.00    0.75   16.87    9.74
 670.   296.32   293.51   10.04  1460.51   0.77    0.19    0.73    4.33    0.00    0.00    0.00    0.69   16.90    8.39
 675.   286.80   290.32   19.27  1466.21   0.74    0.19    0.72    3.32    0.00    0.00    0.00    0.73   17.05   10.44
 680.   277.88   279.93   29.46  1417.81   0.73    0.19    0.70    1.87    0.00    0.00    0.00    0.68   17.11    6.98
 685.   267.78   279.05   40.03  1389.34   0.72    0.19    0.70   -0.67    0.00    0.00    0.00    0.64   17.16    8.90
 690.   263.41   273.51   50.21  1363.71   0.71    0.19    0.68   -1.02    0.00    0.00    0.00    0.63   17.27    8.09
 695.   270.10   261.15   59.45  1369.41   0.69    0.18    0.67   -1.32    0.00    0.00    0.00    0.64   17.34    9.72
 700.   269.66   264.78   69.64  1306.77   0.69    0.17    0.66   -1.25    0.00    0.00    0.00    0.62   17.35    9.10
 705.   259.10   255.00   10.05  1275.46   0.66    0.17    0.64    4.10    0.00    0.00    0.00    0.61   17.40    6.00
 710.   259.07   259.00   19.29  1318.16   0.64    0.16    0.64    3.28    0.00    0.00    0.00    0.61   17.47    4.84
 715.   249.00   246.17   29.47  1289.69   0.64    0.16    0.63    1.94    0.00    0.00    0.00    0.59   17.51    9.32
 720.   242.15   239.44   40.04  1286.85   0.63    0.16    0.61   -0.75    0.00    0.00    0.00    0.56   17.55   10.02
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TIME      28       29       30      31       32      33      34      35      36      37      38      39      40      41
 725.   246.93   239.05   50.22  1215.67   0.63    0.16    0.59   -1.09    0.00    0.00    0.00    0.58   17.61    7.04
 730.   242.07   241.56   59.45  1246.99   0.61    0.16    0.58   -1.23    0.00    0.00    0.00    0.54   17.66    7.82
 735.   235.61   235.05   69.63  1212.82   0.60    0.15    0.59   -1.16    0.00    0.00    0.00    0.52   17.71    8.33
 740.   238.83   236.02   10.05  1172.97   0.60    0.16    0.58    3.92    0.00    0.00    0.00    0.51   17.75    8.43
 745.   228.60   229.00   19.29  1121.72   0.57    0.14    0.57    3.18    0.00    0.00    0.00    0.49   17.78    7.42
 750.   233.80   231.12   29.47  1116.02   0.57    0.15    0.55    1.81    0.00    0.00    0.00    0.50   17.81    8.70
 755.   232.32   231.41   40.03  1056.24   0.56    0.14    0.56   -0.62    0.00    0.00    0.00    0.49   17.83    7.92
 760.   232.97   229.73   50.22   876.88   0.53    0.14    0.54   -1.11    0.00    0.00    0.00    0.49   17.85    7.46
 765.   219.20   218.90   59.46   856.95   0.52    0.14    0.54   -1.12    0.00    0.00    0.00    0.47   17.88    6.77
 770.   215.52   217.92   69.63   837.02   0.52    0.13    0.53   -1.15    0.00    0.00    0.00    0.46   17.89    6.72
```

TIME	42	43	44	45	46	47	48
0.	1.03	-1.24	0.67	0.24	-0.52	0.00	0.00
0.	-1.70	2.17	-1.09	-0.79	0.07	0.00	0.00
0.	0.80	-1.25	0.74	0.19	-0.19	0.09	0.00
0.	0.04	0.01	-0.50	0.71	-0.58	0.00	0.00
0.	-0.65	0.09	0.32	0.10	0.43	0.00	0.00
0.	0.48	0.22	-0.14	-0.45	0.78	0.00	0.00
5.	1.87	0.00	-1.44	1.16	-0.16	0.09	5.00
10.	0.91	-0.02	0.82	-0.94	0.78	0.00	10.00
15.	1.61	0.08	1.15	-0.96	-1.01	0.00	15.00
20.	1.18	0.43	0.35	-0.71	1.39	0.00	20.00
25.	1.15	0.62	-0.97	1.96	-1.87	0.01	25.00
30.	0.44	1.28	0.75	-0.15	-0.23	0.02	30.00
35.	5.38	1.47	-0.42	-0.79	-1.12	0.04	35.00
40.	3.40	0.11	-0.71	0.73	-2.51	0.07	40.00
45.	0.82	1.35	1.67	-0.63	0.72	0.12	45.00
50.	3.37	1.37	-0.11	-0.51	1.30	0.20	50.00
55.	4.97	-0.10	1.94	-0.04	-0.91	0.32	55.00
60.	4.05	1.44	1.11	0.28	-2.23	0.55	60.00
65.	8.74	3.20	-0.29	-0.85	-1.75	0.94	65.00
70.	9.50	1.63	-0.29	0.03	0.80	1.43	70.00
75.	8.06	2.53	1.18	-2.38	-0.87	2.23	75.00
80.	10.20	0.81	1.25	-1.40	-1.55	3.22	80.00
85.	10.67	3.28	-2.27	-0.92	-1.80	4.20	85.00
90.	4.71	4.48	0.26	-0.35	-1.06	5.23	90.00
95.	8.64	-0.12	2.02	1.78	-3.81	6.68	95.00
100.	10.84	-0.18	0.28	2.28	-3.87	7.90	100.00
105.	8.31	6.03	-1.24	-0.25	-2.04	9.03	105.00
110.	9.42	3.22	0.12	0.02	-0.33	9.92	110.00
115.	5.14	4.92	-0.28	-0.86	-0.61	10.72	115.00
120.	8.21	5.00	0.19	-3.72	0.90	11.14	120.00
125.	6.04	6.53	-1.45	-1.59	1.58	11.55	125.00
130.	9.21	3.57	2.44	-2.23	-0.32	11.82	130.00
135.	11.74	2.54	1.64	-2.08	-3.71	11.98	135.00
140.	9.42	4.94	-1.51	-0.94	-1.38	12.15	140.00
145.	7.55	3.14	1.01	-3.25	2.35	12.12	145.00
150.	8.75	5.17	0.17	-1.75	0.23	12.30	150.00
155.	5.27	9.09	-2.45	-1.54	-0.03	12.43	155.00
160.	9.63	5.38	0.29	-2.39	0.29	12.27	160.00
165.	8.70	3.78	-0.68	-2.03	-0.04	12.53	165.00
170.	8.24	6.04	-0.40	-2.08	0.00	12.40	170.00
175.	9.46	5.60	-2.73	-1.28	0.38	12.25	175.00
180.	8.38	2.51	1.52	0.04	-2.62	12.40	180.00
185.	6.91	4.49	2.28	-1.94	-1.39	12.31	185.00
190.	8.35	2.49	1.39	-2.13	-1.19	12.09	190.00
195.	11.77	0.55	3.48	-1.03	-2.23	12.02	195.00
200.	9.84	3.87	-0.41	0.92	-2.19	11.77	200.00
205.	8.95	3.74	1.19	-2.82	0.16	11.98	205.00
210.	7.91	3.15	-0.04	0.04	-2.13	11.73	210.00
215.	9.00	4.69	-0.35	-0.77	-2.99	11.80	215.00
220.	8.66	6.75	-0.34	-1.71	-1.93	11.55	220.00

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TIME        42        43        44        45        46        47        48
 225.      7.81      5.09      0.23     -0.80     -3.96     11.71    225.00
 230.     12.41      1.63     -0.02     -3.19     -3.07     11.45    230.00
 235.      8.14      6.70     -4.31      0.73     -4.78     11.30    235.00
 240.      8.86      4.29     -0.41     -1.07     -0.03     11.42    240.00
 245.     11.35      1.66      1.91     -0.25     -2.45     11.10    245.00
 250.      8.38      4.11      0.20      0.24     -3.89     11.11    250.00
 255.     11.51      4.51     -1.54      2.05     -3.89     11.11    255.00
 260.      8.48      3.12      2.29     -0.99     -2.48     11.22    260.00
 265.     10.11      4.33      0.36     -0.41     -2.39     11.02    265.00
 270.     10.77      2.53      2.18     -0.56     -2.17     11.06    270.00
 275.     10.31      4.33      0.79     -0.88     -1.62     11.00    275.00
 280.      9.50      1.96      2.01     -1.35     -1.45     11.14    280.00
 285.     10.64      2.18      1.44     -2.39     -1.12     10.85    285.00
 290.      7.53      5.17     -0.44      0.08     -2.52     10.99    290.00
 295.     11.61      4.13      0.92     -1.12     -1.61     10.80    295.00
 300.      8.43      5.59     -0.95     -1.64     -1.26     10.56    300.00
 305.     10.46      3.76      0.94     -1.57     -3.78     10.81    305.00
 310.     11.27      3.37      1.61     -1.17     -2.35     10.36    310.00
 315.     12.84      3.18      0.00     -0.88     -1.01     10.40    315.00
 320.      9.62      3.93     -1.05     -1.58     -1.61     10.35    320.00
 325.     10.88      3.48     -0.62      0.88     -3.49     10.20    325.00
 330.     10.18      4.84     -1.87      0.53     -1.59     10.20    330.00
 335.      9.11      4.93      0.70     -2.51     -1.28     10.20    335.00
 340.      8.52      4.17      1.25     -1.48     -1.99     10.25    340.00
 345.     11.64      4.06      0.53     -2.51     -2.51     10.03    345.00
 350.     10.65      3.86      0.30     -2.01     -1.51     10.00    350.00
 355.      8.77      3.71     -0.10      1.25     -4.02      9.93    355.00
 360.     10.38      1.80      1.43      0.36     -3.76     10.13    360.00
 365.      9.15      5.97     -1.33     -1.69     -3.65      9.91    365.00
 370.      8.56      2.65      1.10     -2.52      0.06      9.95    370.00
 375.      9.79      3.33     -0.63     -1.41     -2.12      9.89    375.00
 380.      9.54      3.99      0.77     -2.26     -0.77      9.86    380.00
 385.      7.52      6.56     -2.09     -1.76      0.59      9.85    385.00
 390.      8.06      5.59     -0.10     -0.03     -3.01      9.71    390.00
 395.     11.02      3.11      0.28     -0.67     -3.51      9.81    395.00
 400.      9.19      4.87     -0.93     -1.14     -2.25      9.64    400.00
 405.     10.40      1.97      0.47     -0.60     -3.60      9.57    405.00
 410.     11.27      3.35     -0.18      0.23     -3.09      9.45    410.00
 415.     10.00      2.08      2.40     -1.43     -2.46      9.52    415.00
 420.      8.04      5.12      0.46     -1.70     -1.23      9.42    420.00
 425.     10.79      4.15      0.48     -2.74     -1.28      9.37    425.00
 430.     13.30      2.60      0.51     -0.74     -2.50      9.51    430.00
 435.      9.39      3.20      1.87     -0.84     -2.33      9.15    435.00
 440.      8.28      5.58     -0.12     -0.47     -1.00      9.49    440.00
 445.     10.16      2.38      1.12     -1.16     -3.57      9.22    445.00
 450.      8.20      3.40      0.64     -1.54     -1.67      9.15    450.00
 455.      8.97      3.69     -0.26     -0.70     -2.75      9.37    455.00
 460.      8.91      5.15      0.10     -2.25     -2.44      9.03    460.00
 465.      7.32      6.36     -1.23      0.32     -4.36      8.84    465.00
 470.      9.91      4.25     -0.77     -0.03     -2.07      8.72    470.00
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TIME       42        43        44        45        46         47       48
 475.     11.40      1.75      1.79     -3.60     -0.75      8.78    475.00
 480.     12.21      1.77      0.75     -0.57     -5.05      8.47    480.00
 485.     10.91      2.53      1.98     -1.85     -1.38      8.57    485.00
 490.     11.98      1.68      1.13     -1.62     -3.00      8.23    490.00
 495.     11.70      3.55     -1.33     -0.61     -1.33      8.25    495.00
 500.      8.45      3.72      0.70     -0.90     -3.83      7.86    500.00
 505.      8.25      3.31      1.40     -1.33     -2.70      7.71    505.00
 510.      9.93      2.89     -0.12     -1.90     -1.32      7.60    510.00
 515.     10.33      3.00      1.13     -2.04     -1.70      7.33    515.00
 520.      8.63      3.94      0.33     -1.05     -2.81      7.35    520.00
 525.      9.71      4.02     -0.10     -0.94     -3.74      7.09    525.00
 530.      7.74      4.75     -0.10     -0.42     -3.60      6.91    530.00
 535.      7.17      5.36     -0.51     -0.69     -3.29      6.62    535.00
 540.      7.66      2.63      1.31     -0.96     -1.77      6.48    540.00
 545.      7.91      6.45     -2.00     -1.89     -3.02      6.24    545.00
 550.      8.89      2.99     -0.20     -1.54     -2.39      6.08    550.00
 555.     11.08      1.96      0.85     -2.44     -1.87      5.84    555.00
 560.      9.26      3.58     -0.22     -1.17     -5.05      5.81    560.00
 565.      5.32      5.77     -0.22     -0.10     -3.26      5.61    565.00
 570.     11.14      1.49      1.46     -1.77     -2.78      5.43    570.00
 575.      7.92      2.73      0.56     -1.32     -1.57      5.34    575.00
 580.      8.37      3.96     -1.64      0.03     -2.65      5.26    580.00
 585.      7.92      2.85      0.24     -0.46     -4.34      5.19    585.00
 590.      7.78      2.70      1.13     -2.05     -1.20      5.02    590.00
 595.      9.41      3.05     -0.04     -0.80     -3.38      4.94    595.00
 600.      9.79      2.36     -1.05     -0.06     -3.57      4.89    600.00
 605.      9.50      3.23      0.50     -1.37     -1.93      4.71    605.00
 610.      7.88      3.48      0.36     -1.60     -2.45      4.61    610.00
 615.      9.14      1.28      0.76     -3.60     -1.03      4.43    615.00
 620.      8.77      0.92      1.80     -1.36     -3.02      4.11    620.00
 625.     10.31      1.69      0.43     -1.94     -3.96      3.92    625.00
 630.      9.49      2.02      0.66     -1.65     -2.45      3.79    630.00
 635.      8.66      2.02      1.86     -3.10     -1.61      3.79    635.00
 640.      7.98      3.46      1.51     -1.96     -2.16      3.69    640.00
 645.      5.83      3.87     -0.59     -0.88     -2.13      3.51    645.00
 650.      6.76      3.30      1.15     -2.75     -1.03      3.43    650.00
 655.      8.69      1.97     -0.32     -0.85     -3.47      3.38    655.00
 660.      8.38      4.55     -0.12     -1.31     -3.99      3.16    660.00
 665.      7.13      3.81     -0.70     -0.42     -2.94      3.01    665.00
 670.      7.79      2.86      0.31     -1.68     -2.45      2.92    670.00
 675.      6.01      4.00     -0.81     -0.68     -3.26      2.89    675.00
 680.      8.09      3.28     -1.15     -1.04     -3.71      2.84    680.00
 685.      6.67      4.17     -1.68     -0.74     -3.02      2.71    685.00
 690.      7.62      1.40     -0.01     -0.22     -4.78      2.60    690.00
 695.      7.23      3.16     -0.36     -1.34     -2.04      2.56    695.00
 700.      6.87      2.69      0.39     -2.48     -2.10      2.53    700.00
 705.      8.25      1.72      1.22     -3.01     -2.09      2.48    705.00
 710.      6.91      0.50      1.06     -2.59     -3.10      2.42    710.00
 715.      5.75      3.67     -1.12     -0.42     -3.18      2.32    715.00
 720.      4.77      3.58     -0.31     -0.84     -2.65      2.29    720.00
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 735.     6.61     2.29     1.54    -1.75    -3.96      2.09   735.00
 740.     5.21     1.23     1.41    -2.66    -0.39      2.08   740.00
 745.     6.65     2.03     0.37     0.43    -4.74      2.03   745.00
 750.     4.04     3.25     0.29    -1.77    -2.06      2.01   750.00
 755.     6.72     2.50    -1.16    -0.24    -3.06      1.97   755.00
 760.     5.49     2.05     0.52    -1.19    -3.25      1.97   760.00
 765.     5.14     1.47     0.05    -1.10    -1.78      1.94   765.00
 770.     5.86     2.73    -1.04    -0.07    -3.33      1.93   770.00
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.PRC12-P-1-1/4                                                                     PAGE    1

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  5.    23.40    24.00    24.10    23.95    23.45    21.80    21.82    24.07    24.17    24.05    23.90    23.87    23.82    23.63
 10.    23.67    23.80    23.35    23.72    23.07    21.90    21.65    24.57    27.75    24.25    24.05    23.95    23.82    23.75
 15.    28.13    23.82    23.32    23.85    22.95    22.25    21.90    25.07    29.50    27.00    26.45    26.35    25.57    24.75
 20.    29.90    24.63    23.75    24.00    23.75    22.60    22.42    25.65    31.19    29.27    29.72    28.70    28.42    27.42
 25.    32.05    29.82    23.60    23.92    22.95    22.25    22.40    26.35    32.33    30.83    30.71    31.34    30.85    30.00
 30.    34.12    29.82    23.63    23.97    23.15    22.32    22.30    27.12    34.95    33.58    32.68    33.66    32.88    32.56
 35.    40.73    34.54    24.40    24.02    22.55    22.17    22.10    28.57    40.56    36.37    35.29    37.61    36.54    34.73
 40.    47.32    36.44    23.90    24.00    22.77    22.30    22.05    30.85    48.12    42.61    42.15    44.44    44.73    42.90
 45.    58.36    43.34    27.38    23.90    23.10    22.20    22.10    34.83    66.24    50.66    51.88    53.63    52.27    51.39
 50.    81.07    50.22    24.65    23.77    22.97    22.50    22.20    40.56    88.48    70.44    67.57    70.02    66.95    64.33
 55.   100.93    63.93    25.07    23.30    22.50    22.40    22.22    45.51   106.58    83.64    83.59    88.59    81.98    78.46
 60.   117.63    88.52    25.25    23.20    22.90    22.45    22.12    50.56   123.51   100.15   103.56   107.80   103.78   100.46
 65.   123.02   108.58    25.80    23.32    22.55    22.38    22.27    55.37   141.55   117.83   115.17   118.61   117.83   117.02
 70.   138.97   122.27    24.25    23.27    22.65    21.90    22.17    58.90   153.42   136.22   137.63   136.63   136.05   129.29
 75.   155.30   135.92    28.02    23.32    22.55    22.17    22.05    63.86   159.55   151.67   154.25   154.40   148.63   145.42
 80.   164.57   151.60    55.58    23.22    22.63    22.25    21.85    72.39   183.30   171.05   166.97   164.02   158.38   156.80
 85.   179.77   171.30    75.88    23.27    22.75    22.15    22.00    80.43   195.97   186.92   182.85   179.60   176.52   171.02
 90.   197.17   185.87    61.59    23.50    22.88    22.42    21.82    91.36   221.53   205.56   199.37   202.38   198.63   186.97
 95.   195.32   192.57    95.14    23.52    22.82    22.25    21.92   100.05   236.35   226.57   222.10   221.75   201.72   197.60
100.   198.32   196.00   106.90    24.00    23.07    22.12    22.02   108.95   230.78   231.20   225.42   222.55   204.54   201.58
105.   199.82   198.42    90.24    23.97    22.77    21.97    21.95   109.51   235.71   232.97   233.37   232.92   218.88   207.73
110.   202.97   197.82    78.88    24.15    23.25    22.10    21.95   114.15   238.78   232.38   229.80   232.55   221.92   221.10
115.   203.07   200.71   118.22    24.17    23.13    22.42    21.88   117.90   234.24   231.27   232.80   233.32   225.22   222.55
120.   198.73   196.37   121.24    23.70    23.42    22.20    22.07   120.07   239.30   229.88   228.76   231.07   225.52   223.45
125.   198.27   205.73   120.00    23.25    22.47    22.00    21.97   123.24   249.90   236.49   232.32   237.49   232.25   228.40
130.   220.77   207.63   123.17    23.32    22.35    22.20    22.15   133.08   258.12   240.41   239.15   240.85   232.32   232.76
135.   220.17   214.88   145.40    23.42    22.50    22.20    22.17   137.47   245.34   240.19   240.37   244.56   238.41   240.61
140.   206.56   221.15   112.68    23.63    22.88    22.25    22.02   143.12   261.22   250.10   248.39   249.00   243.37   241.58
145.   222.75   223.32   139.30    25.90    22.20    21.80    21.77   152.35   262.95   258.34   260.58   260.68   252.71   252.37
150.   225.30   230.65   176.52    24.50    22.35    22.17    21.67   155.52   270.38   263.24   260.29   258.32   248.41   244.66
155.   233.35   229.40   178.25    27.12    22.32    22.20    22.02   157.20   268.17   263.41   259.07   254.27   245.05   245.49
160.   228.75   224.50   166.80    25.60    22.50    22.15    22.07   156.05   273.53   257.39   255.61   258.61   254.73   257.15
165.   227.52   217.55   152.15    24.05    22.32    21.92    22.00   157.77   267.51   259.71   256.90   255.88   253.34   251.78
170.   237.85   223.30   156.67    23.75    22.32    22.17    22.10   159.80   265.90   256.24   257.56   257.37   252.56   255.63
175.   222.25   221.17   142.75    24.10    22.85    22.27    22.10   161.13   254.71   253.07   254.49   250.68   245.71   246.10
180.   230.90   221.52   174.47    34.27    23.00    22.40    22.38   161.70   265.32   254.76   257.27   260.27   251.85   257.37
185.   236.17   221.13   155.47    26.85    23.37    22.47    22.45   161.27   266.76   257.85   255.63   253.46   246.95   245.85
190.   231.45   219.05   154.40    25.05    22.88    22.22    22.27   160.62   262.35   253.41   249.71   247.56   243.15   240.27
195.   226.65   202.85   136.63    24.05    23.00    22.45    22.27   159.70   253.12   248.24   248.05   246.49   241.44   240.27
200.   223.72   201.10   128.93    24.05    22.92    22.30    22.40   158.42   247.30   238.12   238.32   239.66   235.17   231.19
205.   215.65   202.58   150.17    24.05    22.75    22.27    22.25   156.05   240.27   234.00   234.44   239.00   233.02   231.07
210.   216.80   203.05   116.90    24.20    23.05    22.55    22.10   157.17   240.49   235.51   236.61   236.34   235.61   234.73
215.   215.15   215.12   124.51    24.15    23.32    22.40    22.10   159.25   240.93   236.71   238.15   239.41   234.41   232.32
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 235.   224.13   199.05   167.65    24.05    22.45    22.57    22.27   163.45   249.54   243.32   244.24   244.15   241.95   243.49
 240.   220.90   201.75   126.78    23.72    22.50    22.02    22.10   162.77   247.93   239.51   238.37   238.07   233.37   236.10
 245.   203.58   201.07   146.60    23.52    22.25    22.00    21.70   161.87   239.54   234.10   232.71   233.61   229.71   230.83
 250.   198.98   198.98   156.38    23.45    22.32    21.97    21.70   160.85   234.10   231.78   234.85   237.10   231.15   231.78
 255.   215.50   193.55   118.24    23.80    22.02    21.90    21.85   161.55   239.53   237.93   234.44   233.27   228.93   230.66
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 275.   220.95   200.73   163.95    24.05    22.77    22.50    22.55   165.57   242.30   240.12   238.63   230.29   232.15   233.63
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 290.   218.20   197.12   142.02    24.17    22.77    22.57    22.40   165.82   240.51   234.41   235.71   236.66   230.90   232.17
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 305.   198.88   196.22   128.22    23.82    22.77    22.88    22.30   163.90   231.32   229.72   229.70   228.75   227.22   230.35
 310.   201.49   191.42   114.27    23.90    22.75    22.52    22.50   162.02   226.70   226.90   227.02   226.97   223.07   223.42
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 340.   192.05   186.35   116.10    23.97    22.92    22.60    22.12   157.45   214.35   215.15   216.88   221.07   216.77   221.17
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 355.   203.10   188.70   138.77    24.02    23.15    22.55    22.50   160.20   227.57   224.13   224.17   227.22   223.00   227.42
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 365.   206.58   189.92   129.05    24.10    23.52    22.92    22.85   160.92   230.55   225.32   225.87   227.52   222.85   223.25
 370.   204.46   186.63   114.78    24.42    23.25    22.88    22.50   161.70   226.35   224.77   225.87   229.22   226.30   231.42
 375.   207.56   193.72   151.45    24.32    23.32    22.82    23.05   162.72   228.35   226.70   227.25   229.80   228.63   229.32
 380.   207.24   190.02   136.27    24.35    23.45    22.72    22.65   165.55   229.30   231.95   230.10   230.85   227.75   229.47
 385.   204.41   198.90   146.60    24.42    23.40    22.50    22.47   164.85   229.32   228.17   229.27   232.17   226.77   228.42
 390.   216.35   192.52   148.52    24.47    23.15    22.85    22.67   164.47   231.57   229.20   227.40   229.15   226.42   231.77
 395.   208.02   197.72   147.30    24.72    23.47    22.40    22.22   165.70   233.22   227.70   227.55   229.92   227.02   230.20
 400.   204.44   194.67   157.07    25.00    23.00    22.55    22.25   166.45   233.37   228.95   229.25   230.92   231.25   228.37
 405.   214.57   193.57   133.72    24.82    22.80    22.40    22.22   167.27   230.37   231.10   230.40   230.80   229.10   233.13
 410.   205.61   193.75   140.25    24.15    22.88    22.20    21.97   168.02   234.35   228.02   228.07   232.95   231.27   228.07
 415.   208.00   195.17   143.15    23.85    22.70    22.00    21.80   168.65   235.50   230.90   229.93   229.90   233.40   231.97
 420.   204.32   189.77   154.95    23.95    22.77    22.40    22.05   168.35   227.33   231.15   230.17   232.15   224.65   226.50
 425.   199.05   190.85   129.71    24.10    23.35    22.22    21.92   167.75   227.27   228.32   228.15   229.35   221.80   224.05
 430.   203.27   189.13   140.60    23.97    22.47    22.12    22.20   167.05   222.45   224.50   223.75   225.00   222.15   225.35
 435.   199.44   187.27   117.15    23.72    22.95    22.25    22.17   164.90   221.32   220.27   220.07   220.22   215.08   216.30
 440.   198.27   183.17   112.05    23.92    22.77    22.17    22.00   163.70   218.35   215.42   216.65   216.02   214.13   213.90
 445.   202.57   182.92   129.10    24.02    23.20    22.55    22.15   163.37   219.13   217.12   216.27   217.07   207.29   214.42
 450.   195.67   182.80   113.93    24.10    23.72    22.27    21.95   162.72   214.10   214.15   214.52   216.40   207.29   214.55
 455.   195.52   178.57   109.85    24.60    23.67    22.85    22.32   162.00   207.33   205.83   206.63   207.27   202.88   204.39
 460.   196.50   182.63    95.07    24.57    22.72    22.17    22.25   160.90   206.30   205.15   206.78   207.17   203.22   207.44
 465.   191.50   179.25   108.73    24.65    23.20    22.75    22.25   159.77   206.53   203.63   204.51   203.80   200.00   200.63
 470.   189.17   177.25   112.78    24.42    23.77    22.65    22.40   159.32   205.41   201.95   202.80   202.39   200.61   204.22
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 480.   185.17   177.32   110.76    24.42    23.27    22.42    21.90   158.07   202.32   202.57   199.24   202.60   198.95   201.30
 485.   185.82   175.17   106.10    24.27    23.70    23.05    22.17   157.35   202.52   199.85   200.52   201.97   199.62   202.57
 490.   185.32   172.85   108.46    24.15    23.07    22.85    22.82   156.32   199.30   197.27   197.97   199.52   198.05   202.00
 495.   180.47   170.85    80.17    24.17    23.17    23.00    22.40   156.32   201.50   198.50   198.80   200.15   197.12   199.62
 500.   182.45   167.80    94.50    24.42    23.17    22.63    22.25   155.65   198.35   196.65   197.25   199.82   196.17   198.77
 505.   181.10   169.25    78.48    24.30    23.07    22.42    22.17   154.10   194.57   195.70   195.47   197.22   193.85   192.25
 510.   182.77   168.47    91.59    24.32    22.67    22.27    22.30   153.40   197.25   195.92   194.90   194.10   190.45   193.67
 515.   176.67   167.88    93.17    24.10    23.17    22.42    22.30   153.15   198.52   195.70   193.90   193.92   189.47   191.65
 520.   175.15   167.07    89.07    23.87    22.85    22.22    22.35   152.27   191.77   193.17   193.52   193.42   189.20   191.00
 525.   174.77   164.77    77.58    24.02    23.17    22.38    22.52   151.40   191.37   191.67   192.20   192.05   187.95   190.77
 530.   173.60   164.47    87.14    24.47    23.45    22.65    22.50   150.20   188.70   188.17   189.17   189.35   187.40   192.45
 535.   172.17   161.97    82.26    24.52    23.42    22.70    22.67   149.35   190.35   190.00   190.40   190.90   186.47   187.82
 540.   174.32   164.15    81.64    24.52    23.07    22.80    22.25   148.05   188.35   188.00   189.00   188.02   186.10   187.05
 545.   170.25   161.75    77.79    24.38    23.37    22.27    22.22   148.55   186.20   186.02   186.38   186.17   182.07   184.32
 550.   170.00   158.57    74.83    24.63    23.60    22.55    22.35   148.00   184.35   183.40   181.88   182.85   179.07   179.65
 555.   168.47   157.40    64.31    24.65    23.20    22.35    22.12   147.12   182.30   180.80   181.97   182.17   177.72   181.52
 560.   166.85   157.07    71.68    24.27    23.75    22.52    22.10   145.88   178.35   178.95   178.70   179.50   176.65   178.55
 565.   166.52   155.05    53.37    24.40    24.25    22.45    21.97   145.50   178.42   179.50   178.77   177.22   175.00   176.05
 570.   162.85   154.97    60.95    24.32    24.35    22.12    22.00   144.32   176.35   177.38   176.17   175.10   171.00   173.27
 575.   159.50   149.60    59.09    24.45    23.35    22.32    22.10   143.63   173.90   175.07   174.20   173.47   169.22   170.15
 580.   160.52   152.47    61.14    23.97    23.05    22.40    22.38   142.47   171.38   172.07   173.00   173.63   169.95   170.10
 585.   159.95   149.72    54.46    23.72    22.85    22.20    22.35   141.55   171.30   171.72   173.05   173.00   166.65   167.63
 590.   157.97   148.80    59.59    23.55    22.63    22.35    22.20   140.77   170.35   169.88   170.25   169.42   164.80   165.70
 595.   155.13   147.67    57.88    23.60    23.00    22.35    22.42   140.10   169.22   168.42   169.02   168.10   163.32   165.07
 600.   155.62   146.32    58.49    23.70    22.67    22.32    22.27   139.27   166.97   168.27   168.25   166.13   162.40   163.20
 605.   152.75   146.40    57.29    23.47    22.77    22.22    22.10   138.25   166.77   165.62   165.72   163.22   158.40   160.65
 610.   153.63   143.35    58.49    23.52    22.52    22.20    22.25   137.05   163.75   164.02   164.55   162.15   159.30   160.27
 615.   150.95   143.35    57.93    23.55    22.38    22.05    22.12   136.47   162.32   163.20   162.35   159.85   157.55   158.75
 620.   148.97   141.40    66.17    23.77    22.52    22.25    22.25   136.10   161.50   161.20   161.57   163.25   158.50   159.02
 625.   146.32   139.67    65.45    23.65    22.63    22.30    22.20   135.32   160.35   161.32   161.05   159.27   156.32   157.32
 630.   146.77   138.75    58.79    23.80    22.75    22.25    22.27   134.52   160.47   160.50   159.05   157.35   156.67   156.50
 635.   147.15   139.60    57.46    23.85    22.95    22.25    22.10   133.52   157.55   157.17   157.67   156.00   155.13   155.60
 640.   146.47   138.22    60.86    23.87    23.13    22.30    22.20   129.95   155.77   156.70   156.57   155.72   151.52   152.65
 645.   144.32   136.35    62.36    23.90    23.07    22.27    22.45   128.93   154.10   154.17   153.40   153.52   152.00   152.27
 650.   141.95   134.70    57.86    23.70    22.97    22.38    22.17   128.32   152.10   152.22   151.90   150.70   149.92   150.55
 655.   141.45   129.73    58.78    23.82    23.15    22.52    22.32   127.71   151.27   151.35   150.63   149.07   149.15   149.45
 660.   139.55   129.44    56.76    23.92    23.37    22.67    22.40   126.49   148.30   147.82   146.67   145.60   146.75   147.17
 665.   139.10   127.73    58.38    23.97    23.47    22.42    22.25   125.71   148.35   146.97   147.12   147.10   144.95   146.38
 670.   137.70   127.71    58.73    24.00    23.13    22.63    22.22   125.24   147.35   146.88   145.77   145.85   144.92   145.85
 675.   137.07   126.44    53.44    23.95    22.70    22.10    22.00   124.66   147.30   146.10   145.55   144.72   142.92   143.90
 680.   136.10   125.56    57.24    23.92    22.45    22.40    21.90   124.12   146.57   144.35   144.52   142.75   141.88   142.92
 685.   134.75   123.95    55.63    23.57    22.75    22.35    22.40   123.34   145.37   143.38   142.77   142.32   142.27   142.27
 690.   133.50   122.41    56.66    23.77    22.77    22.52    22.60   122.51   142.92   142.22   140.97   140.40   140.45   140.42
 695.   129.24   122.95    53.15    23.70    22.75    22.97    22.88   121.00   139.90   139.92   139.97   139.72   137.20   138.50
 700.   127.15   119.90    47.61    23.63    22.65    22.32    22.55   120.76   139.42   137.57   137.75   138.42   135.52   137.13
 705.   125.83   118.44    50.49    23.70    23.15    22.85    22.63   119.98   136.95   136.20   136.30   136.55   133.85   134.70
 710.   125.58   113.95    48.49    23.87    23.22    22.82    22.52   119.07   133.38   133.62   133.85   134.50   120.51   129.49
 715.   122.07   108.39    49.88    24.05    23.42    22.30    22.38   118.34   128.58   128.63   128.34   128.34   127.54   127.66
 720.   121.15   110.90    46.29    23.97    22.63    22.35    22.45   117.58   127.29   127.07   126.54   126.80   125.56   125.27
```

TIME	0	1	2	3	4	5	6	7	8	9	10	11	12	13
725.	119.78	110.32	49.15	23.72	22.90	22.50	22.42	116.78	125.80	125.19	124.80	124.80	124.32	124.54
730.	118.17	110.10	55.80	23.60	22.32	22.22	22.65	116.15	124.80	124.32	123.29	122.90	122.63	123.15
735.	117.44	103.17	45.17	23.25	22.50	22.35	22.32	115.54	122.27	122.61	121.85	121.29	120.68	119.98
740.	115.10	104.54	45.10	23.40	22.57	22.30	22.32	114.56	120.41	120.15	120.07	119.41	117.61	118.22
745.	113.15	102.73	46.61	23.42	22.90	22.45	22.20	113.76	118.58	118.10	118.37	118.19	115.95	115.85
750.	111.37	94.50	49.05	23.92	23.20	22.55	22.47	112.98	117.22	117.19	116.88	116.78	115.02	114.88
755.	109.63	94.86	44.10	23.95	22.77	22.35	22.63	112.22	116.80	116.12	115.83	115.56	114.44	113.44
760.	108.93	87.40	36.76	24.05	23.15	22.25	22.27	111.61	114.76	115.00	114.51	114.15	113.34	112.56
765.	107.56	83.59	37.63	23.67	22.67	22.70	22.77	111.07	113.58	113.61	112.93	112.93	112.32	109.61
770.	106.95	85.95	39.24	23.75	22.60	22.75	22.75	110.39	112.85	111.98	111.22	110.85	108.88	107.56
775.	105.02	85.29	41.19	23.92	23.15	23.00	22.95	109.68	110.78	111.05	110.58	109.02	106.41	106.41
780.	104.37	85.50	42.58	23.85	23.10	22.72	22.82	109.12	110.22	109.68	108.78	107.39	105.12	105.22
785.	102.95	81.45	39.07	23.80	23.40	22.50	22.15	108.56	109.56	109.00	107.98	106.83	104.22	103.10
790.	100.93	81.29	38.80	23.75	23.22	22.45	22.12	107.98	108.51	107.76	106.46	104.98	102.95	101.76
795.	101.05	80.74	45.44	23.95	23.20	22.40	22.15	107.34	107.29	106.39	105.32	103.71	102.29	101.02
800.	97.62	79.14	39.41	23.72	22.90	22.27	22.20	106.83	106.82	105.00	103.98	103.02	100.56	97.36
805.	96.45	79.64	41.17	23.45	22.47	22.30	22.42	106.29	104.88	104.00	102.95	101.17	96.81	96.02
810.	95.86	78.00	45.61	23.45	22.50	22.38	22.38	105.76	103.85	102.80	101.44	100.05	96.36	95.88
815.	94.79	78.69	46.29	23.42	22.67	22.57	22.45	105.29	103.27	101.80	100.63	96.90	95.74	92.38
820.	93.36	77.95	48.88	23.45	22.85	22.42	22.35	104.78	102.41	101.12	97.36	95.93	93.03	91.67
825.	92.29	76.98	44.63	23.52	22.80	22.27	22.40	104.24	101.71	100.19	96.17	94.50	92.76	90.21
830.	91.52	72.07	41.05	23.57	22.77	22.52	22.45	103.85	101.12	97.02	95.50	93.43	91.45	89.31
835.	90.48	72.37	40.95	23.47	22.70	22.57	22.22	103.34	100.87	96.17	94.69	92.57	90.26	86.95
840.	89.67	73.78	41.73	23.47	22.72	22.42	22.25	102.85	97.33	95.57	93.57	91.14	89.24	86.02
845.	89.40	71.76	41.88	23.47	22.57	22.30	22.27	102.46	96.88	94.88	92.95	90.55	88.64	86.05
850.	88.71	70.98	39.83	23.75	23.00	22.32	22.17	102.00	96.33	94.21	91.90	88.06	87.95	84.24
855.	88.19	73.00	44.54	23.52	22.55	22.20	22.25	101.51	95.38	93.40	91.43	88.43	86.90	82.81
860.	86.48	70.22	43.98	23.80	22.38	22.40	22.22	101.15	95.31	92.76	91.14	87.59	86.02	83.29
865.	86.50	70.17	42.22	23.65	22.85	22.42	22.27	100.63	94.45	91.98	90.45	87.24	85.50	82.09
870.	86.88	66.14	41.63	23.57	22.60	22.32	22.38	100.19	93.71	91.29	89.33	86.12	84.38	81.71
875.	85.26	64.05	37.19	23.55	22.82	22.50	22.38	97.45	93.12	90.81	89.00	85.26	83.09	80.52
880.	83.74	65.50	37.93	23.72	23.15	22.65	22.60	97.09	92.74	90.59	88.59	84.98	83.09	79.76
885.	82.45	66.14	38.22	23.82	22.85	22.52	22.40	96.64	92.45	90.00	87.86	84.48	81.69	78.36
890.	83.59	67.02	39.78	23.82	23.50	23.02	22.72	96.21	92.87	89.59	87.52	84.17	80.83	78.88
895.	81.95	65.09	40.71	24.25	23.07	22.77	22.63	95.83	91.76	88.95	86.64	83.12	80.26	78.68
900.	80.71	63.90	37.07	24.25	23.75	23.05	22.97	95.50	91.48	88.45	86.36	82.69	80.26	78.46
905.	80.74	63.26	36.19	24.27	23.22	22.67	22.85	95.12	90.76	88.14	85.76	81.36	79.67	78.15
910.	81.33	61.29	35.24	24.10	23.10	23.07	22.82	94.69	90.26	87.74	85.33	81.12	78.29	76.61
915.	80.98	63.00	36.78	24.13	23.30	23.00	22.82	94.33	89.33	87.45	84.95	81.52	78.45	76.83
920.	79.00	62.14	38.73	24.15	23.60	22.82	22.57	93.95	89.59	87.21	84.52	80.81	78.00	76.12
925.	78.45	60.55	38.05	24.13	23.32	22.45	22.05	93.67	89.39	86.55	83.81	79.95	79.00	74.66
930.	78.24	59.55	40.32	23.87	23.20	22.38	22.12	93.36	88.74	86.33	83.50	79.90	78.51	75.12
935.	79.39	60.40	34.90	23.92	23.47	22.35	22.05	93.07	88.57	85.93	82.74	78.74	78.37	74.80
940.	79.02	58.90	36.83	24.05	23.63	22.45	22.05	92.79	88.21	85.76	82.81	78.79	77.49	73.80
945.	78.78	60.02	37.73	24.15	23.45	22.45	22.25	92.43	87.80	85.52	82.43	78.00	76.90	73.49
950.	78.54	57.90	34.71	24.07	23.65	23.20	22.22	92.07	87.43	85.07	82.26	77.03	76.07	72.54
955.	77.63	58.50	36.10	23.95	23.85	23.10	21.90	91.03	87.29	85.26	82.26	77.74	75.71	73.07
960.	76.34	59.07	33.39	23.92	23.52	22.85	22.30	91.50	86.36	84.81	81.88	79.05	75.29	71.95

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TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
  0.     23.25    23.07    22.95    22.88    22.82    22.75    22.52    22.47    22.27    22.95    24.02    22.27    22.22    22.17
  0.     23.25    23.22    22.97    22.88    22.95    22.72    22.52    22.47    22.35    22.95    23.92    22.27    22.47    22.17
  0.     23.15    23.15    22.97    22.80    22.90    22.75    22.52    22.45    22.38    23.02    24.02    22.25    22.42    22.17
  0.     23.22    23.10    22.97    22.88    22.82    22.77    22.52    22.40    22.40    22.97    24.02    22.17    22.17    22.17
  0.     23.17    23.00    22.97    22.85    22.85    22.72    22.50    22.42    22.42    22.97    24.05    22.20    22.15    22.12
  0.     23.20    23.02    22.90    22.85    22.95    22.75    22.50    22.35    22.38    23.00    24.05    22.25    22.30    22.10
  5.     23.35    23.05    23.05    23.05    22.90    22.88    22.63    22.50    22.40    22.95    23.97    22.27    22.22    22.15
 10.     23.60    23.42    23.27    23.15    22.95    22.92    22.72    22.60    22.50    23.02    24.20    22.47    22.55    22.20
 15.     25.13    23.87    23.60    23.45    23.20    23.15    22.83    22.75    22.57    23.07    24.52    22.50    22.60    22.30
 20.     26.15    25.22    24.57    23.87    23.50    23.45    22.97    22.75    22.75    23.27    24.77    22.63    22.77    22.32
 25.     26.52    25.85    24.82    24.05    23.77    23.55    22.95    22.85    22.80    23.42    25.05    22.67    22.90    22.42
 30.     30.27    27.42    25.20    24.20    24.07    23.90    23.13    22.88    22.85    23.60    25.42    22.82    23.13    22.42
 35.     34.73    32.02    25.35    24.67    24.55    24.35    23.27    23.20    22.97    24.17    26.27    22.95    22.90    22.35
 40.     39.17    33.44    28.00    25.97    25.77    26.17    24.02    23.52    23.15    25.72    27.57    23.20    23.00    22.40
 45.     47.56    36.90    32.00    29.13    28.05    29.35    24.97    24.02    23.55    28.72    29.52    23.45    23.40    22.47
 50.     56.68    43.12    37.29    32.98    30.80    31.34    25.88    24.70    24.22    31.54    31.24    24.15    24.02    22.57
 55.     71.29    58.93    44.76    37.46    34.15    34.24    27.12    25.08    25.17    35.54    35.32    25.27    25.85    22.72
 60.     87.48    74.07    53.17    41.00    34.80    33.68    28.20    26.22    26.72    38.83    37.95    25.10    26.55    22.92
 65.    105.85    85.90    60.81    45.44    38.27    34.15    28.47    26.80    27.92    42.05    41.19    25.42    26.27    23.00
 70.    121.76   107.61    78.31    52.12    43.00    36.49    28.60    27.55    27.20    45.98    44.66    25.90    25.85    23.22
 75.    142.30   116.76    93.95    53.10    46.95    40.76    30.46    28.35    28.92    49.39    48.95    26.90    27.17    23.45
 80.    155.97   142.10   109.93    56.17    48.71    42.12    31.93    29.47    29.51    54.22    52.90    27.60    27.90    23.72
 85.    168.97   154.77   129.44    64.36    47.95    46.29    31.54    29.76    30.70    58.81    58.36    28.35    29.77    24.07
 90.    185.00   166.60   138.30    75.05    56.37    47.44    33.27    30.02    30.92    62.86    64.19    28.25    29.32    24.63
 95.    187.40   169.15   146.97    87.07    58.24    51.68    35.88    31.22    30.58    67.59    72.66    29.17    29.62    25.07
100.    196.32   181.37   160.05    85.50    62.33    57.93    37.58    32.10    31.51    74.05    77.88    29.46    29.58    25.70
105.    199.17   187.90   161.95    84.93    64.26    57.78    40.83    33.17    33.29    78.81    79.76    31.61    32.07    26.45
110.    204.73   197.77   173.60    92.43    69.73    59.93    43.15    35.90    34.20    78.81    83.14    31.76    31.05    27.25
115.    200.27   193.85   176.42   110.68    78.71    62.74    43.76    34.61    33.27    83.05    86.67    31.83    32.49    27.85
120.    207.63   197.65   179.57   111.27    78.64    62.62    44.05    36.17    35.58    88.69    89.36    31.71    31.27    28.35
125.    217.32   205.98   199.95   128.39    83.09    72.24    48.22    36.56    38.73    93.55    92.01    34.17    33.90    28.70
130.    230.72   207.76   200.77   158.60    85.76    76.78    49.68    35.61    39.32   102.27   100.32    36.83    36.07    29.45
135.    233.61   221.80   200.07   172.13    91.40    77.73    53.07    39.19    40.35   106.27   104.05    37.17    35.56    29.54
140.    237.90   226.00   205.22   178.42   105.51    83.02    53.90    42.73    41.38   111.24   108.39    37.29    37.10    30.27
145.    247.63   232.95   217.35   189.82   111.56    89.69    59.74    44.17    41.12   116.71   114.49    38.73    38.54    31.10
150.    238.37   229.15   221.95   196.85   121.66    98.93    63.00    48.85    46.25   120.39   119.46    42.39    41.29    32.44
155.    241.88   231.34   222.92   202.12   129.34   101.63    72.61    52.71    45.19   120.73   122.95    43.95    43.68    33.78
160.    249.90   239.88   223.35   201.97   134.20    97.57    72.39    52.19    47.78   119.29   123.90    43.54    41.10    35.24
165.    246.34   235.95   224.80   198.37   142.57    96.90    73.58    49.95    45.10   121.51   125.93    42.10    41.29    36.00
170.    254.71   232.68   224.82   202.90   128.46   100.19    74.49    51.19    48.74   123.83   129.12    46.49    44.61    36.76
175.    239.76   228.34   219.10   200.92   127.15   103.80    79.12    59.17    50.25   123.15   134.25    48.46    48.90    38.00
180.    246.10   233.15   220.55   202.32   138.80    97.43    75.41    60.19    49.56   119.41   135.75    49.71    48.61    38.93
185.    238.49   232.47   216.17   196.70   151.20   102.78    77.73    58.93    54.22   113.71   136.65    50.71    50.58    49.56
190.    233.24   229.77   207.73   191.72   140.80   103.61    73.93    57.61    51.76   109.24   136.85    45.80    45.10    41.22
195.    234.39   227.38   216.72   189.20   129.78    91.86    73.17    60.12    51.19   110.05   137.13    48.93    49.58    41.61
200.    228.02   222.02   205.90   190.65   125.02    98.19    75.29    56.66    51.49   109.46   136.95    45.73    43.41    42.02
205.    228.22   215.15   202.61   186.45   118.80    84.24    72.00    57.51    49.71   105.12   136.97    45.60    44.66    41.73
210.    231.88   230.38   216.25   188.87   129.58   100.37    73.00    58.05    50.70   104.02   137.67    47.34    50.10    41.27
215.    231.70   223.20   216.52   196.95   133.95   106.05    75.95    56.63    53.51   112.58   139.05    50.98    51.71    41.24
220.    235.46   230.02   221.32   196.15   140.88    95.52    79.24    60.36    54.15   118.63   140.07    53.24    53.27    41.32
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TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
225.	243.34	237.58	229.25	201.41	140.10	102.98	75.73	61.38	54.27	118.95	141.25	49.19	49.58	41.73
230.	235.73	230.78	228.22	201.51	144.02	96.57	75.51	58.07	52.10	119.46	143.60	45.49	47.12	42.05
235.	242.76	233.93	221.22	194.32	145.63	100.46	75.98	54.07	50.56	117.46	143.95	48.51	49.07	42.00
240.	234.66	229.22	203.24	182.07	137.45	95.24	75.51	57.88	53.49	114.71	143.92	50.61	50.29	42.17
245.	230.90	223.50	204.88	189.02	128.78	109.61	73.93	55.32	51.33	113.66	144.70	47.29	47.49	42.05
250.	231.42	217.45	205.37	187.07	126.71	91.31	72.29	57.39	52.30	111.19	144.50	45.76	48.44	42.61
255.	231.70	213.75	201.83	189.20	122.70	101.76	73.17	57.32	49.10	111.76	144.92	47.12	49.27	42.22
260.	232.55	219.17	205.98	183.50	121.34	100.05	77.07	56.22	52.32	114.60	145.22	48.78	50.83	42.05
265.	231.34	230.87	217.72	189.65	122.37	100.54	73.32	50.46	51.53	118.19	145.82	49.63	50.56	42.27
270.	232.07	223.07	218.12	189.00	122.00	108.56	75.90	58.74	55.32	121.34	147.75	53.05	54.51	42.34
275.	233.05	225.40	216.50	189.75	116.49	92.24	71.56	59.14	53.30	123.66	148.82	51.83	54.17	43.10
280.	233.17	220.95	215.12	190.75	116.80	95.62	73.58	57.19	53.34	119.17	149.22	48.85	51.24	43.34
285.	232.38	222.47	216.30	190.50	133.88	92.95	75.85	56.66	51.22	119.10	150.02	49.88	50.29	43.02
290.	228.77	220.15	214.75	190.05	129.46	93.40	74.15	58.32	52.17	117.83	150.65	47.32	49.70	42.85
295.	224.05	214.52	205.63	169.45	124.22	90.83	73.24	54.12	50.32	118.85	151.20	46.34	49.80	42.93
300.	228.37	222.05	202.66	167.70	112.80	91.05	65.62	56.51	52.50	115.37	149.85	47.12	51.12	42.93
305.	225.63	214.80	201.30	166.88	111.98	89.07	64.00	52.88	49.35	113.66	148.82	49.19	47.46	42.41
310.	222.00	206.88	199.82	161.02	116.41	82.86	65.31	52.46	49.33	109.66	148.12	47.00	49.22	41.66
315.	215.25	202.45	195.38	134.57	113.58	79.21	62.21	53.58	51.22	108.58	147.95	48.00	50.22	41.85
320.	216.07	198.76	192.00	126.76	105.93	81.71	59.67	54.15	51.38	106.32	146.85	49.63	50.66	41.83
325.	202.83	200.15	187.95	127.22	109.61	80.24	59.43	53.58	50.37	105.29	145.95	47.00	49.46	41.85
330.	207.34	197.35	188.67	125.80	106.58	77.00	59.90	54.78	53.24	105.37	145.22	49.05	49.17	41.93
335.	205.17	201.07	189.13	128.88	105.29	75.58	59.83	54.05	51.30	103.24	145.27	47.71	49.80	41.61
340.	216.52	198.34	191.92	146.38	103.95	80.76	62.69	52.68	52.17	106.00	145.40	49.59	49.61	41.49
345.	216.10	199.17	198.00	158.25	109.56	83.67	65.64	47.76	52.37	112.66	145.70	47.24	49.78	41.41
350.	215.92	199.90	200.35	168.85	108.39	85.81	61.36	53.90	53.12	111.51	147.47	49.05	55.22	41.41
355.	221.52	202.63	199.76	176.27	105.10	89.69	64.93	54.98	54.30	115.68	149.17	49.66	53.41	41.71
360.	225.52	216.97	200.34	181.05	112.00	88.07	67.00	54.76	53.70	112.88	148.37	51.98	54.71	41.78
365.	218.47	207.58	202.63	184.97	113.98	92.98	71.90	53.51	54.29	116.61	149.02	51.58	53.51	42.00
370.	231.00	226.42	214.55	189.82	117.07	96.95	72.03	55.56	53.90	119.83	150.22	50.29	53.88	41.95
375.	224.70	216.50	207.78	191.57	113.61	93.50	72.34	55.88	55.70	121.54	150.92	52.93	56.29	41.93
380.	224.82	215.00	206.61	188.77	122.76	93.19	72.05	59.38	58.44	119.41	152.17	52.05	54.68	42.37
385.	219.97	215.47	215.72	193.85	123.54	88.88	77.01	56.27	57.29	122.61	152.13	54.22	54.85	42.56
390.	225.55	214.30	214.60	197.27	129.46	96.45	73.26	53.90	54.32	123.22	152.30	51.49	55.54	42.88
395.	227.57	218.82	214.20	190.72	135.77	95.90	73.93	59.40	56.15	121.22	152.75	56.19	57.83	43.32
400.	232.97	222.45	215.17	188.65	127.80	94.90	75.90	57.27	57.51	121.02	154.13	50.22	53.68	44.24
405.	230.35	219.65	215.65	190.47	120.85	103.71	73.24	58.73	56.30	124.83	155.25	54.83	57.51	44.34
410.	226.37	217.97	215.57	194.65	121.05	103.88	75.00	60.26	57.51	122.63	156.67	54.37	55.73	44.68
415.	225.45	216.82	204.46	179.20	125.24	95.09	71.88	55.51	54.53	120.46	156.47	50.98	53.27	44.78
420.	219.92	207.34	202.29	179.90	121.56	92.43	75.51	58.24	55.56	115.49	157.45	51.27	54.19	44.95
425.	221.67	206.73	203.17	177.77	119.17	91.76	71.51	59.50	54.15	114.07	156.62	51.34	53.90	44.71
430.	221.77	206.24	199.85	177.02	119.88	91.76	74.95	58.07	54.35	115.66	155.67	50.00	52.39	44.37
435.	206.39	198.34	195.05	175.50	106.27	91.31	72.22	55.37	53.30	115.46	154.70	51.46	51.98	43.85
440.	200.07	198.67	194.82	172.42	109.54	91.74	67.33	56.61	53.29	111.24	153.75	49.10	51.78	44.10
445.	204.93	200.80	192.50	160.92	110.66	89.40	72.12	58.73	54.56	109.05	153.50	51.03	52.03	44.10
450.	200.49	198.32	192.38	159.10	105.44	86.19	67.30	56.17	54.27	110.54	152.90	51.44	55.07	43.73
455.	199.51	195.02	190.15	157.22	110.19	85.36	65.50	55.29	53.33	108.51	152.42	51.90	50.39	43.41
460.	199.37	196.52	191.80	144.35	110.88	89.02	71.15	57.24	53.73	107.05	151.32	49.10	49.71	43.22
465.	203.20	197.50	191.05	144.02	107.56	86.36	74.22	58.24	54.15	106.76	151.27	53.60	56.60	43.37
470.	198.66	192.85	186.50	141.60	105.85	84.93	67.76	55.90	53.32	103.51	150.57	47.45	49.41	43.65

TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
475.	196.87	192.00	187.47	137.40	106.17	86.95	63.78	56.15	53.15	106.02	149.97	49.05	51.32	43.39
480.	197.65	192.12	185.50	136.47	101.78	81.59	72.22	56.24	53.51	105.22	149.27	48.12	50.80	43.49
485.	198.32	191.32	186.32	141.52	96.62	80.48	65.36	54.83	52.30	105.63	148.42	51.34	52.90	43.76
490.	194.02	189.52	187.47	138.63	91.19	79.74	67.31	53.41	52.44	102.80	147.60	47.37	49.17	43.80
495.	191.63	183.80	178.32	122.68	101.58	79.24	65.40	54.76	54.33	103.41	147.17	51.70	55.49	43.50
500.	189.85	185.42	175.95	117.71	96.55	80.43	63.74	54.95	50.73	104.19	146.52	50.29	53.49	43.61
505.	188.50	184.30	173.55	119.32	97.21	79.79	53.07	53.73	51.93	102.22	145.75	49.49	51.34	43.41
510.	191.07	180.10	172.22	117.41	92.36	73.85	53.09	53.00	51.35	100.39	145.25	48.51	49.73	43.68
515.	184.92	176.72	169.62	115.39	95.24	78.32	62.57	52.98	50.17	93.29	144.42	46.32	46.66	43.34
520.	185.77	181.17	170.32	110.63	91.76	75.83	61.26	54.71	52.12	94.79	144.12	50.56	52.61	42.93
525.	187.07	175.75	168.02	111.58	92.62	74.22	53.64	55.15	53.17	96.59	143.32	50.07	52.61	43.07
530.	189.72	178.50	170.42	110.78	93.81	73.88	57.98	52.41	50.56	94.95	142.65	49.19	51.54	43.05
535.	181.15	173.42	164.65	110.39	89.79	73.24	60.40	51.41	51.51	101.68	141.95	48.08	51.24	43.19
540.	180.82	176.67	168.65	104.37	90.57	74.78	53.22	49.95	48.56	100.78	141.75	51.17	53.22	42.93
545.	180.60	176.60	165.10	104.00	92.81	72.78	53.00	50.17	48.29	95.52	141.30	45.37	48.32	42.49
550.	176.92	175.27	157.17	105.44	84.00	73.90	53.19	50.98	49.15	97.12	140.55	46.29	52.76	42.10
555.	175.15	171.47	157.30	102.44	82.09	74.95	60.07	51.37	48.35	96.52	139.65	45.56	46.39	41.98
560.	174.05	167.75	152.85	97.07	73.68	74.76	53.95	51.44	51.34	94.81	138.80	46.39	49.93	41.71
565.	171.55	166.63	151.10	91.00	79.37	70.27	57.12	51.29	48.37	92.17	138.10	47.44	50.12	41.71
570.	170.02	161.20	148.80	90.38	82.17	72.29	54.49	50.78	50.38	91.57	137.63	44.68	49.29	42.24
575.	166.42	157.45	147.88	91.52	83.88	71.37	55.02	47.15	48.78	90.69	136.67	46.58	48.44	42.07
580.	167.07	163.27	140.05	88.88	85.07	67.02	55.88	49.15	48.58	89.05	136.00	44.00	50.22	41.68
585.	165.75	153.82	138.65	86.98	82.81	65.14	51.80	40.00	49.41	87.26	135.17	48.37	48.73	41.66
590.	163.22	154.13	137.80	84.24	78.31	62.74	52.41	48.12	50.46	87.62	134.47	45.37	50.22	41.80
595.	161.25	149.07	133.70	84.00	79.41	61.24	52.90	47.39	46.56	87.79	133.75	45.56	47.22	41.54
600.	160.50	148.42	124.10	86.52	79.52	62.81	51.03	46.27	49.49	85.90	129.85	42.56	46.22	41.17
605.	159.52	147.32	124.85	85.98	80.09	63.50	55.61	47.73	47.53	86.19	129.02	46.78	47.71	41.00
610.	158.70	149.45	128.34	83.07	76.80	62.55	53.39	46.27	48.39	84.88	128.37	47.00	50.49	40.66
615.	155.22	146.63	133.72	83.38	75.93	63.71	54.32	47.15	45.76	84.21	127.80	43.37	43.68	40.54
620.	155.57	147.80	129.15	81.52	75.61	65.36	55.63	46.58	45.32	85.09	127.19	49.02	50.76	40.49
625.	155.55	144.02	128.34	81.57	78.56	64.76	54.10	46.56	44.33	83.14	126.54	45.98	46.34	40.07
630.	155.07	140.97	126.12	07.19	78.29	63.07	53.07	45.03	46.32	82.64	125.80	43.44	46.90	39.80
635.	153.70	145.82	121.56	81.88	76.37	61.64	52.05	44.98	44.30	81.31	125.24	43.80	43.80	39.56
640.	148.65	141.32	122.41	79.31	74.17	64.64	52.93	44.98	43.58	80.88	124.68	43.27	44.83	39.24
645.	149.22	141.42	114.00	79.36	74.85	60.76	52.68	45.63	45.44	79.52	123.93	45.07	45.27	39.41
650.	148.10	137.85	114.88	79.34	74.05	59.33	51.15	44.41	44.76	77.64	123.27	42.71	43.03	39.49
655.	147.85	133.45	114.76	77.85	73.90	60.19	53.37	45.71	44.56	79.59	122.51	43.10	46.78	39.12
660.	145.07	133.27	115.61	77.54	75.22	58.58	53.27	45.76	45.39	79.64	121.80	40.66	43.17	39.32
665.	143.82	137.15	115.61	76.90	72.37	59.02	43.83	44.71	45.29	79.10	121.34	44.71	44.50	39.68
670.	141.50	135.50	111.73	78.33	72.24	58.64	43.63	44.88	44.39	79.12	120.76	42.51	45.80	39.44
675.	142.75	133.42	107.00	78.66	71.73	58.15	43.41	44.65	46.27	79.17	120.22	42.07	44.88	39.29
680.	142.25	126.10	107.66	75.63	69.63	58.58	43.00	45.46	44.33	78.61	119.56	44.51	43.98	38.83
685.	140.75	123.56	104.90	74.51	66.14	55.66	47.66	43.78	44.30	79.29	119.07	40.95	44.24	38.73
690.	137.90	122.19	103.73	75.88	71.68	56.61	47.10	42.51	46.24	78.07	118.44	42.66	44.90	38.68
695.	135.82	122.44	100.58	73.78	67.83	57.22	47.58	42.83	44.78	77.68	117.68	41.17	43.49	38.76
700.	134.88	119.02	100.78	73.51	65.98	56.83	45.10	41.95	42.56	76.90	116.98	40.15	40.02	38.51
705.	128.78	119.76	95.14	76.17	65.33	56.19	45.51	42.51	43.27	77.24	116.22	42.46	42.78	38.44
710.	125.73	115.66	92.09	72.19	66.88	56.61	45.37	42.66	43.05	74.19	115.39	39.19	40.90	38.22
715.	121.61	115.12	91.86	70.41	64.26	52.27	45.32	43.00	44.02	74.00	114.58	41.88	42.56	37.90
720.	120.27	112.00	87.52	70.19	63.83	52.63	45.05	41.90	41.58	73.49	113.95	40.56	42.37	37.93

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TIME     14       15       16       17       18       19       20       21       22       23       24       25       26       27
 725.   120.63   105.95   86.71    66.38    65.05    55.19    45.10    42.10    40.93    72.34   113.39    38.63    38.88    37.78
 730.   119.41   102.51   84.36    65.93    59.12    53.29    45.76    41.17    41.12    71.83   112.78    39.76    40.32    37.78
 735.   115.88   103.46   82.40    65.57    61.79    52.83    45.19    41.00    40.58    70.27   112.32    37.08    39.29    37.49
 740.   114.29   104.44   82.24    63.71    61.71    53.80    44.02    40.00    41.35    69.85   111.32    39.95    40.19    37.27
 745.   112.58   101.29   80.93    65.50    62.69    52.05    43.44    40.39    39.56    67.40   110.66    38.27    38.93    37.12
 750.   108.73    93.88   78.98    63.95    61.45    49.46    42.73    40.58    39.73    66.24   109.89    41.56    41.00    36.76
 755.   108.61    91.48   80.88    62.24    57.61    49.29    41.80    39.83    40.50    66.17   109.24    39.58    39.00    36.95
 760.   105.07    89.26   78.93    62.55    57.63    50.83    41.93    39.66    39.46    66.24   108.66    38.07    40.70    36.68
 765.   102.54    88.67   78.26    61.79    58.26    49.15    42.29    39.63    37.27    63.98   107.95    36.24    36.71    36.39
 770.   100.95    89.64   78.12    60.76    58.83    51.73    41.95    39.41    38.32    63.26   107.32    38.51    38.83    36.49
 775.    96.50    86.24   77.17    59.93    57.86    50.83    43.41    38.78    39.73    63.52   106.80    39.29    39.83    36.37
 780.    97.36    83.43   77.32    60.31    59.52    47.49    41.80    39.54    39.35    63.50   106.15    39.44    39.05    36.32
 785.    94.17    84.52   76.63    60.45    58.98    50.12    41.29    39.34    38.30    63.55   105.54    38.24    37.95    36.00
 790.    93.24    81.14   74.37    61.12    56.44    49.58    41.34    39.44    38.24    62.38   104.95    38.12    37.71    35.85
 795.    91.79    80.50   76.00    59.69    57.78    48.54    41.22    39.12    37.33    61.19   104.46    37.29    37.56    35.56
 800.    91.14    79.74   73.51    58.19    56.39    47.76    40.51    38.61    38.29    61.02   103.80    39.05    39.80    35.46
 805.    89.86    80.21   72.51    58.33    57.05    46.61    40.46    38.63    38.54    60.81   103.29    36.76    37.63    35.39
 810.    88.95    78.71   72.44    58.56    57.07    46.49    39.03    37.12    37.37    59.05   102.83    36.88    36.90    35.07
 815.    86.62    77.93   71.56    59.12    56.32    45.32    39.80    37.27    38.12    58.38   102.22    37.15    38.98    34.88
 820.    85.52    74.78   70.85    58.19    56.54    45.93    39.73    37.68    37.73    58.79   101.78    36.80    36.71    34.93
 825.    84.05    74.34   67.00    56.58    53.46    45.66    39.29    36.66    36.41    58.00   101.29    38.19    36.95    34.71
 830.    83.57    75.54   65.29    54.54    54.51    45.54    33.05    37.44    36.53    57.86   100.73    35.95    35.93    34.56
 835.    82.17    74.71   64.00    56.83    54.05    44.54    33.37    36.71    36.24    58.14   100.32    37.07    35.71    34.29
 840.    80.09    72.02   63.29    56.56    53.46    45.78    37.85    36.95    36.10    58.61    97.38    35.03    36.66    34.17
 845.    79.64    72.66   64.76    55.54    53.68    43.83    33.19    36.34    36.15    58.63    96.93    36.88    37.85    34.17
 850.    79.29    72.49   63.90    55.29    52.66    43.98    33.44    36.37    37.12    58.05    96.55    35.80    35.24    34.32
 855.    77.83    70.76   64.26    54.54    53.66    44.56    37.22    35.58    36.41    57.44    96.05    35.05    35.71    33.95
 860.    78.17    66.48   63.36    54.54    52.54    43.41    35.78    36.05    37.15    57.27    95.62    35.39    36.61    33.73
 865.    78.43    66.88   61.69    55.27    52.51    42.93    35.85    36.07    35.20    55.37    95.19    34.93    35.10    33.58
 870.    77.76    66.83   62.31    54.71    51.61    42.54    33.22    35.39    35.28    55.88    94.71    34.41    36.73    33.39
 875.    76.68    69.56   62.07    53.83    52.71    41.02    33.54    35.80    36.30    55.49    94.30    35.32    37.00    33.44
 880.    74.71    66.38   60.40    53.27    52.29    41.63    37.32    35.61    36.51    54.19    93.98    34.05    35.41    33.34
 885.    75.32    65.95   59.74    53.66    51.95    41.93    35.68    34.80    36.37    54.56    93.57    34.15    34.85    32.90
 890.    74.76    65.40   60.33    53.32    51.37    41.00    35.76    34.83    35.30    54.51    93.24    33.98    35.12    32.78
 895.    74.83    65.02   60.90    52.90    51.39    42.17    35.15    34.78    35.54    54.44    92.81    33.73    33.83    32.68
 900.    74.90    63.17   59.69    52.54    50.22    41.61    35.56    34.90    36.07    54.71    92.55    33.90    36.37    32.73
 905.    72.10    64.24   59.64    51.46    49.98    41.71    35.51    34.63    36.51    55.22    92.14    35.12    36.32    32.76
 910.    73.05    63.31   59.95    53.58    50.39    43.02    35.12    35.10    35.39    53.80    91.79    33.07    34.05    32.73
 915.    72.19    62.02   59.38    53.34    50.85    41.68    35.24    34.98    34.38    53.10    91.45    34.10    34.80    32.56
 920.    71.15    63.45   57.98    52.76    50.93    41.39    35.05    34.85    35.56    52.41    91.14    33.15    36.24    32.58
 925.    71.07    61.79   59.10    51.71    48.88    40.93    35.00    35.00    34.78    51.73    90.79    33.46    34.73    32.46
 930.    70.46    62.50   58.02    51.41    49.51    41.32    35.51    34.76    34.12    52.56    90.50    34.73    33.41    32.46
 935.    69.93    61.64   59.17    52.29    49.44    40.71    35.70    34.83    34.32    52.83    90.19    32.93    34.05    32.41
 940.    71.24    60.62   58.71    52.22    49.63    40.95    35.50    34.54    34.50    52.07    89.83    32.98    34.32    32.32
 945.    69.83    61.02   59.19    51.85    49.12    39.37    35.00    34.90    34.17    51.80    89.55    32.80    33.83    32.29
 950.    67.14    60.64   57.88    52.12    49.02    40.56    34.93    34.46    35.46    51.02    89.29    34.07    35.07    32.15
 955.    65.62    59.88   59.02    51.73    48.89    40.71    35.59    34.15    36.32    51.46    88.98    34.00    34.68    32.15
 960.    65.98    59.88   58.00    50.76    49.15    40.27    35.29    34.95    35.56    50.88    88.76    32.19    34.95    32.12
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PRC12-P-1-1/4                                                                          PAGE    9

TIME      28       29       30      31        32       33       34       35       36       37       38       39       40       41
  0.     22.50    22.60    19.36  3159.08     0.00    -0.01    -0.01     0.20     0.30     0.00     0.00     0.00    21.00    -1.51
  0.     22.55    22.82    29.57  3167.73     0.00    -0.01    -0.01    -0.09     0.30     0.00     0.00     0.00    21.00     1.11
  0.     22.55    22.80    40.04  3185.04     0.00    -0.01    -0.01    -0.13     0.30     0.00     0.00     0.00    20.99    -1.01
  0.     22.60    22.60    50.28  3167.73     0.00    -0.01    -0.01    -0.15     0.30     0.00     0.00     0.00    20.99     1.13
  0.     22.65    22.60    59.55  3133.11     0.01    -0.01    -0.01    -0.21     0.30     0.00     0.00     0.00    20.98    -1.45
  0.     22.55    22.77    69.77  3187.92     0.00    -0.01    -0.01    -0.16     0.30     0.00     0.00     0.00    20.98     1.73
  5.     22.70    22.70    10.12  3193.70     0.00    -0.01    -0.02     0.07     0.30     0.00     0.00     0.00    20.83    -0.06
 10.     22.80    22.88    19.35  3182.15     0.00    -0.01    -0.02     0.16     0.30     0.00     0.00     0.00    20.85    -0.93
 15.     23.27    23.10    29.58  3182.15     0.00    -0.01    -0.01     0.11     0.30     0.00     0.00     0.00    20.84    -0.66
 20.     23.45    23.72    40.05  3211.00     0.00    -0.01    -0.01    -0.17     0.30     0.00     0.00     0.00    20.79     0.57
 25.     23.45    23.75    50.28  3211.00     0.00    -0.01    -0.00    -0.20     0.30     0.00     0.00     0.00    20.74     0.35
 30.     23.55    23.60    59.55  3185.04     0.01    -0.01    -0.00    -0.25     0.30     0.00     0.00     0.00    20.71     0.64
 35.     23.57    23.77    69.78  3196.58     0.02    -0.01     0.01    -0.25     0.30     0.00     0.00     0.00    20.66     0.87
 40.     24.40    24.30    10.12  3170.61     0.04     0.00     0.05     0.95     0.30     0.00     0.00     0.00    20.60     2.03
 45.     26.50    25.97    19.36  3193.70     0.07     0.01     0.10     0.86     0.30     0.00     0.00     0.00    20.49     2.99
 50.     27.82    27.42    29.59  3167.73     0.08     0.01     0.13     0.12     0.30     0.00     0.00     0.00    20.34     4.85
 55.     29.29    29.62    40.06  3112.92     0.11     0.02     0.16    -0.22     0.30     0.00     0.00     0.00    20.09     3.73
 60.     30.54    32.58    50.28  3118.69     0.11     0.02     0.21    -0.40     0.30     0.00     0.00     0.00    19.78     3.35
 65.     30.27    32.02    59.55  3086.95     0.13     0.03     0.25    -0.49     0.30     0.00     0.00     0.00    19.46     5.33
 70.     31.71    32.68    69.76  3075.41     0.15     0.02     0.27    -0.55     0.30     0.00     0.00     0.00    19.15     5.62
 75.     33.93    35.44    10.12  3046.56     0.17     0.02     0.30     2.43     0.30     0.00     0.00     0.00    18.83     4.29
 80.     35.00    36.85    19.35  3040.79     0.21     0.03     0.38     2.10     0.30     0.00     0.00     0.00    18.67     3.69
 85.     36.85    41.98    29.58  2994.63     0.23     0.04     0.47     0.18     0.30     0.00     0.00     0.00    18.38     3.72
 90.     38.46    41.83    40.05  2977.32     0.27     0.04     0.51    -0.55     0.30     0.00     0.00     0.00    18.07     6.95
 95.     39.85    42.78    50.28  2936.93     0.29     0.04     0.61    -0.76     0.30     0.00     0.00     0.00    17.65     5.45
100.     42.95    46.05    59.55  2916.73     0.28     0.04     0.65    -0.84     0.30     0.00     0.00     0.00    17.21     8.22
105.     42.90    46.10    69.78  2873.46     0.31     0.04     0.67    -0.84     0.30     0.00     0.00     0.00    16.92     5.84
110.     45.49    46.61    10.12  2824.41     0.34     0.04     0.65     2.84     0.30     0.00     0.00     0.00    16.65     7.38
115.     50.12    50.83    19.36  2798.45     0.35     0.04     0.61     2.49     0.30     0.00     0.00     0.00    16.56     7.45
120.     56.90    56.29    29.58  2775.37     0.37     0.04     0.69     0.94     0.30     0.00     0.00     0.00    16.49     9.21
125.     58.90    59.52    40.05  2714.78     0.42     0.05     0.77    -0.73     0.30     0.00     0.00     0.00    16.34     5.71
130.     65.12    66.31    50.28  2688.82     0.44     0.05     0.80    -0.92     0.30     0.00     0.00     0.00    16.13     8.38
135.     71.41    74.88    59.54  2665.74     0.44     0.05     0.82    -1.04     0.30     0.00     0.00     0.00    16.14     7.81
140.     77.78    80.95    69.77  2610.92     0.50     0.04     0.88    -0.99     0.30     0.00     0.00     0.00    15.98     7.49
145.     80.45    86.21    10.11  2567.65     0.54     0.05     0.92     2.73     0.30     0.00     0.00     0.00    15.75     7.55
150.    110.24   108.65    19.35  2547.46     0.52     0.05     0.97     2.09     0.30     0.00     0.00     0.00    15.67     8.03
155.    118.22   120.32    29.58  2501.29     0.49     0.04     0.91     1.63     0.30     0.00     0.00     0.00    15.50     9.20
160.    108.34   125.66    40.05  2463.79     0.47     0.05     0.92    -0.72     0.30     0.00     0.00     0.00    15.52     7.23
165.    112.05   126.02    50.28  2460.90     0.45     0.04     0.91    -1.08     0.30     0.00     0.00     0.00    15.48     5.60
170.    120.54   125.76    59.55  2365.70     0.43     0.04     0.85    -1.17     0.30     0.00     0.00     0.00    15.27     6.25
175.    119.44   118.71    69.78  2339.73     0.42     0.04     0.92    -1.13     0.30     0.00     0.00     0.00    15.41     7.84
180.    121.27   129.15    10.12  2310.88     0.42     0.04     0.94     3.26     0.30     0.00     0.00     0.00    15.58     8.83
185.    133.75   142.80    19.36  2305.11     0.41     0.04     0.88     2.63     0.30     0.00     0.00     0.00    15.77     9.38
190.     97.02   118.85    29.59  2241.65     0.40     0.04     0.73     0.88     0.30     0.00     0.00     0.00    15.68     8.84
195.    106.00   114.10    40.06  2227.22     0.38     0.04     0.76    -0.86     0.30     0.00     0.00     0.00    15.56     5.72
200.     93.81   104.27    50.27  2186.83     0.37     0.04     0.70    -1.07     0.30     0.00     0.00     0.00    15.60     7.04
205.    105.63   112.88    59.55  2152.21     0.38     0.03     0.65    -1.07     0.30     0.00     0.00     0.00    15.79     4.83
210.    120.66   121.24    69.77  2123.36     0.42     0.03     0.78    -1.03     0.30     0.00     0.00     0.00    16.17     7.89
215.    113.34   119.95    10.12  2134.90     0.45     0.03     0.74     3.31     0.30     0.00     0.00     0.00    16.28     6.14
220.    114.44   122.93    19.36  2039.69     0.47     0.03     0.76     2.74     0.30     0.00     0.00     0.00    16.33     6.86
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TIME      28       29        30       31        32        33        34        35        35        37        38        39        40        41
 225.   111.49   137.07    29.58  2054.12     0.49      0.03      3.77      1.59      0.30      0.00      0.00      0.00     16.37      8.09
 230.   110.39   138.05    40.05  2010.84     0.40      0.03      3.73     -0.80      0.30      0.00      0.00      0.00     16.25      4.71
 235.   119.32   122.63    50.28  1996.42     0.38      0.03      3.72     -1.10      0.30      0.00      0.00      0.00     16.28      9.18
 240.   104.15   109.95    59.55  1967.57     0.42      0.03      3.73     -1.13      0.30      0.00      0.00      0.00     16.38      3.86
 245.   114.19   114.71    69.77  1930.06     0.37      0.03      3.67     -1.13      0.30      0.00      0.00      0.00     16.21      5.38
 250.    88.74   102.22    10.12  1921.41     0.37      0.03      3.72      3.09      0.30      0.00      0.00      0.00     16.25      6.94
 255.    89.79    93.05    19.37  1886.79     0.41      0.03      3.69      2.59      0.30      0.00      0.00      0.00     16.61      8.70
 260.   101.46   103.49    29.59  1846.40     0.42      0.03      3.73      1.47      0.30      0.00      0.00      0.00     16.46      6.63
 265.   104.37   113.93    40.05  1808.89     0.45      0.03      3.68     -0.75      0.30      0.00      0.00      0.00     16.47      5.97
 270.   106.80   111.61    50.27  1777.16     0.44      0.03      3.70     -1.03      0.30      0.00      0.00      0.00     16.50      8.27
 275.    95.95   106.58    59.54  1785.82     0.41      0.02      3.74     -1.06      0.30      0.00      0.00      0.00     16.65      7.04
 280.   102.29   107.73    69.77  1745.42     0.41      0.02      3.73     -1.14      0.30      0.00      0.00      0.00     16.70      8.80
 285.   111.71   107.44    10.11  1702.15     0.40      0.02      3.74      3.00      0.30      0.00      0.00      0.00     16.43      8.05
 290.   100.39   104.17    19.36  1713.69     0.40      0.03      3.70      2.54      0.30      0.00      0.00      0.00     16.40      6.71
 295.    89.45    89.67    29.59  1684.84     0.36      0.02      3.68      0.95      0.30      0.00      0.00      0.00     16.51      5.51
 300.    85.50    86.83    40.04  1641.57     0.35      0.02      3.63     -0.85      0.30      0.00      0.00      0.00     16.53      6.74
 305.    87.93    91.36    50.28  1638.63     0.35      0.02      3.60     -1.00      0.30      0.00      0.00      0.09     16.66      6.77
 310.    85.00    81.86    59.54  1601.18     0.33      0.02      3.61     -1.09      0.30      0.00      0.00      0.00     16.72      7.76
 315.    79.40    78.95    69.78  1578.09     0.34      0.02      3.61     -1.07      0.30      0.00      0.00      0.00     16.78      6.65
 320.    76.58    77.98    10.12  1549.24     0.32      0.02      3.53      3.08      0.30      0.00      0.00      0.00     16.86      6.34
 325.    76.19    77.12    19.36  1549.24     0.34      0.02      3.52      2.39      0.30      0.00      0.00      0.00     16.92      7.00
 330.    77.73    75.56    29.59  1520.40     0.33      0.02      3.57      1.09      0.30      0.00      0.00      0.00     17.08      7.11
 335.    74.88    74.71    40.05  1491.55     0.33      0.02      3.54     -0.77      0.30      0.00      0.00      0.00     17.10      6.37
 340.    78.93    78.69    50.28  1474.23     0.38      0.02      3.54     -0.92      0.30      0.00      0.00      0.00     17.11      7.42
 345.    92.57    89.45    59.54  1425.19     0.38      0.02      3.52     -1.06      0.30      0.00      0.00      0.00     17.15      6.63
 350.    81.12    84.50    69.76  1430.96     0.41      0.02      3.58     -0.97      0.30      0.00      0.00      0.00     17.25      7.96
 355.    89.05    86.24    10.11  1413.65     0.39      0.02      3.58      2.93      0.30      0.00      0.00      0.00     17.37      7.75
 360.    94.98    91.83    19.35  1381.91     0.40      0.02      3.56      2.58      0.30      0.00      0.00      0.00     17.18      7.95
 365.    87.62    95.33    29.58  1370.38     0.40      0.02      3.60      1.43      0.30      0.00      0.00      0.00     17.27      9.23
 370.   103.46   103.98    40.04  1353.06     0.40      0.02      3.60     -0.84      0.30      0.00      0.00      0.00     17.27      5.78
 375.    90.76   106.61    50.27  1341.52     0.41      0.02      3.62     -0.96      0.30      0.00      0.00      0.00     17.10      6.49
 380.    95.93   110.29    59.55  1278.05     0.42      0.02      3.66     -1.02      0.30      0.00      0.00      0.00     17.19      6.27
 385.   111.19   113.39    69.77  1257.86     0.38      0.02      3.59     -1.10      0.30      0.00      0.00      0.00     17.18      6.97
 390.   113.15   113.76    10.12  1246.32     0.43      0.02      3.62      3.21      0.30      0.00      0.00      0.00     17.10      8.07
 395.   105.80   104.56    19.37  1231.89     0.39      0.02      3.64      2.57      0.30      0.00      0.00      0.00     17.08      6.58
 400.    97.59   103.58    29.59  1174.19     0.41      0.02      3.66      1.39      0.20      0.00      0.00      0.00     16.98      7.63
 405.   107.10   111.34    40.05  1171.31     0.41      0.02      3.65     -0.73      0.20      0.00      0.00      0.00     16.99      6.62
 410.    95.62   103.00    50.28  1142.46     0.39      0.02      3.62     -1.01      0.30      0.00      0.00      0.00     16.90      5.20
 415.   105.32   103.88    59.56  1130.92     0.39      0.02      3.64     -1.00      0.30      0.00      0.00      0.00     16.92      5.84
 420.    95.17    94.14    69.78  1096.30     0.36      0.02      3.63     -1.04      0.30      0.00      0.00      0.00     16.94      5.60
 425.    91.64    95.69    10.12  1061.68     0.34      0.02      3.56      2.92      0.30      0.00      0.00      0.00     16.78      6.97
 430.    85.52    89.95    19.36  1064.57     0.34      0.02      3.58      2.47      0.30      0.00      0.00      0.00     16.97      5.74
 435.    86.29    94.90    29.59  1024.17     0.32      0.02      3.53      1.46      0.30      0.00      0.00      0.00     17.11      7.65
 440.    83.52    91.55    40.05  1029.95     0.31      0.02      3.52     -0.80      0.30      0.00      0.00      0.00     17.02      8.23
 445.    81.69    84.00    50.28  1006.86     0.31      0.02      3.47     -0.90      0.30      0.00      0.00      0.00     17.13      5.92
 450.    79.86    85.43    59.55   957.82     0.32      0.02      3.50     -1.00      0.30      0.00      0.00      0.00     17.32      6.37
 455.    88.14    90.24    69.77   960.71     0.31      0.02      3.51     -0.96      0.30      0.00      0.00      0.00     17.34      7.10
 460.    83.31    84.64    10.12   923.20     0.29      0.01      3.53      3.03      0.30      0.00      0.00      0.00     17.47      7.40
 465.    78.59    78.38    19.36   934.74     0.29      0.01      3.51      2.30      0.30      0.00      0.00      0.00     17.51      7.12
 470.    77.51    77.32    29.59   908.77     0.28      0.01      3.47      0.85      0.30      0.00      0.00      0.00     17.50      6.78
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TIME      28      29      30      31       32      33      34      35      36      37      38      39      40      41
 475.   78.80   78.83   40.05  891.46    0.29    0.01    0.47   -0.79    0.00    0.00    0.00    0.00   17.56    6.16
 480.   76.49   78.73   50.27  871.27    0.28    0.01    0.47   -0.95    0.00    0.00    0.00    0.00   17.60    6.24
 485.   76.80   76.07   59.54  879.93    0.28    0.01    0.45   -1.03    0.00    0.00    0.00    0.00   17.63    6.80
 490.   77.58   78.34   69.77  859.73    0.27    0.01    0.42   -0.99    0.00    0.00    0.00    0.00   17.68    7.80
 495.   75.78   76.29   10.12  804.92    0.28    0.01    0.45    2.69    0.00    0.00    0.00    0.00   17.76    7.46
 500.   72.32   71.22   19.36  827.99    0.26    0.01    0.41    2.21    0.00    0.00    0.00    0.00   17.88    6.01
 505.   75.93   72.41   29.58  810.68    0.25    0.01    0.39    0.49    0.00    0.00    0.00    0.00   17.86    5.42
 510.   76.66   71.34   40.04  804.92    0.25    0.01    0.42   -0.75    0.00    0.00    0.00    0.00   17.89    4.78
 515.   77.98   75.58   50.28  813.57    0.24    0.01    0.39   -0.89    0.00    0.00    0.00    0.00   17.93    3.55
 520.   72.54   72.32   59.55  787.60    0.25    0.01    0.38   -0.97    0.00    0.00    0.00    0.00   17.94    5.84
 525.   72.17   71.27   69.78  750.10    0.25    0.01    0.38   -0.91    0.00    0.00    0.00    0.00   17.98    4.08
 530.   73.54   72.05   10.12  755.87    0.24    0.01    0.38    2.80    0.00    0.00    0.00    0.00   18.06    5.89
 535.   71.73   69.68   19.36  767.41    0.23    0.01    0.38    2.15    0.00    0.00    0.00    0.00   18.06    6.30
 540.   73.68   71.49   29.59  735.67    0.24    0.01    0.38    0.59    0.00    0.00    0.00    0.00   18.09    5.16
 545.   71.12   70.12   40.05  695.28    0.23    0.01    0.35   -0.77    0.00    0.00    0.00    0.00   18.12    5.38
 550.   69.85   72.90   50.28  715.48    0.22    0.01    0.39   -0.82    0.00    0.00    0.00    0.00   18.14    4.31
 555.   67.43   66.48   59.55  695.28    0.22    0.01    0.31   -0.82    0.00    0.00    0.00    0.00   18.19    4.76
 560.   62.62   73.02   69.78  666.43    0.21    0.01    0.33   -0.89    0.00    0.00    0.00    0.00   18.22    4.91
 565.   63.31   65.38   10.12  660.66    0.20    0.01    0.33    2.68    0.00    0.00    0.00    0.00   18.26    6.43
 570.   71.56   67.40   19.36  675.09    0.21    0.00    0.35    2.02    0.00    0.00    0.00    0.00   18.28    4.27
 575.   64.69   65.14   29.59  657.78    0.20    0.01    0.32   -0.31    0.00    0.00    0.00    0.00   18.32    4.23
 580.   66.38   64.57   40.05  637.58    0.20    0.01    0.32   -0.68    0.00    0.00    0.00    0.00   18.27    5.75
 585.   60.88   61.62   50.28  643.35    0.19    0.00    0.30   -0.77    0.00    0.00    0.00    0.00   18.29    4.29
 590.   61.07   61.55   59.54  637.58    0.18    0.01    0.30   -0.86    0.00    0.00    0.00    0.00   18.38    5.00
 595.   60.33   61.59   69.77  600.08    0.18    0.01    0.29   -0.87    0.00    0.00    0.00    0.00   18.42    4.47
 600.   65.43   63.86   10.12  602.96    0.17    0.01    0.27    2.55    0.00    0.00    0.00    0.00   18.47    4.44
 605.   58.98   60.40   19.36  597.19    0.17    0.01    0.25    1.96    0.00    0.00    0.00    0.00   18.49    7.47
 610.   60.12   59.09   29.58  594.31    0.18    0.01    0.29    0.13    0.00    0.00    0.00    0.00   18.53    4.51
 615.   67.02   64.33   40.05  582.77    0.17    0.00    0.26   -0.67    0.00    0.00    0.00    0.00   18.57    3.26
 620.   64.21   63.26   50.27  574.12    0.17    0.00    0.27   -0.78    0.00    0.00    0.00    0.00   18.62    4.59
 625.   65.33   63.19   59.54  588.54    0.16    0.01    0.26   -0.87    0.00    0.00    0.00    0.00   18.66    5.42
 630.   61.24   61.12   69.77  553.92    0.16    0.00    0.25   -0.85    0.00    0.00    0.00    0.00   18.69    4.29
 635.   59.50   60.48   10.13  574.12    0.16    0.00    0.29    2.47    0.00    0.00    0.00    0.00   18.71    4.26
 640.   58.88   59.07   19.36  539.50    0.15    0.09    0.27    1.76    0.00    0.00    0.00    0.00   18.73    4.87
 645.   60.81   59.69   29.59  579.88    0.16    0.00    0.24    0.45    0.00    0.00    0.00    0.00   18.78    3.37
 650.   58.29   58.41   40.05  562.57    0.15    0.00    0.24   -0.61    0.00    0.00    0.00    0.00   18.69    4.39
 655.   58.57   58.83   50.28  549.15    0.15    0.09    0.22   -0.79    0.00    0.00    0.00    0.00   18.71    5.27
 660.   58.63   58.78   59.54  542.38    0.15    0.00    0.22   -0.80    0.00    0.00    0.00    0.00   18.86    4.47
 665.   59.36   59.45   69.77  551.03    0.15    0.00    0.24   -0.84    0.00    0.00    0.00    0.00   18.88    4.09
 670.   57.15   58.49   10.12  565.46    0.14    0.00    0.23    2.27    0.00    0.00    0.00    0.00   18.92    4.45
 675.   57.34   55.80   19.37  507.76    0.14    0.00    0.23    1.74    0.00    0.00    0.00    0.00   18.93    4.33
 680.   57.39   56.46   29.59  519.30    0.14    0.00    0.23    0.56    0.00    0.00    0.00    0.00   18.96    2.40
 685.   54.27   55.66   40.06  510.64    0.14    0.00    0.21   -0.64    0.00    0.00    0.00    0.00   18.98    2.86
 690.   55.61   55.56   50.28  490.45    0.14    0.00    0.19   -0.72    0.00    0.00    0.00    0.00   18.99    3.03
 695.   55.12   54.83   59.55  473.14    0.14    0.00    0.18   -0.75    0.00    0.00    0.00    0.00   19.01    3.52
 700.   58.63   54.71   69.78  499.11    0.13    0.00    0.18   -0.77    0.00    0.00    0.00    0.00   19.04    4.57
 705.   57.71   56.10   10.12  504.88    0.11    0.00    0.18    2.23    0.00    0.00    0.00    0.00   18.98    3.62
 710.   55.95   55.32   19.37  467.37    0.12    0.00    0.19    1.62    0.00    0.00    0.00    0.00   19.11    3.80
 715.   57.83   58.27   29.60  501.99    0.12    0.00    0.17   -0.04    0.00    0.00    0.00    0.00   19.14    3.08
 720.   52.58   53.93   40.06  473.14    0.12    0.00    0.18   -0.59    0.00    0.00    0.00    0.00   19.16    4.03
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TIME     28      29      30      31       32      33      34      35      35      37      38      39      40      41
 725.   54.44   52.10   50.29   504.88   0.11    0.00    3.16   -0.71    0.30    0.00    0.00    0.00   19.20    3.25
 730.   52.17   53.95   59.56   478.91   0.11    0.00    3.13   -0.81    0.30    0.00    0.00    0.00   19.23    3.29
 735.   56.73   53.51   69.79   452.94   0.11    0.00    3.14   -0.76    0.30    0.00    0.00    0.00   19.27    3.65
 740.   52.12   51.90   10.13   467.37   0.10    0.00    3.14    2.08    0.30    0.00    0.00    0.00   19.30    3.29
 745.   52.17   52.02   19.36   490.45   0.10    0.00    3.13    1.51    0.30    0.00    0.00    0.00   19.31    3.21
 750.   48.76   48.88   29.59   455.83   0.10    0.00    3.13    0.28    0.30    0.00    0.00    0.00   19.32    2.94
 755.   48.49   50.46   40.05   461.60   0.10    0.00    3.13   -0.47    0.30    0.00    0.00    0.00   19.34    4.54
 760.   50.39   50.98   50.28   464.49   0.09    0.00    3.12   -0.59    0.30    0.00    0.00    0.00   19.29    2.54
 765.   51.78   50.27   59.55   464.49   0.10    0.00    3.11   -0.63    0.30    0.00    0.00    0.00   19.32    2.24
 770.   51.10   49.29   69.78   481.79   0.09    0.00    3.11   -0.69    0.30    0.00    0.00    0.00   19.42    3.37
 775.   49.98   48.61   10.13   458.72   0.09    0.00    3.10    1.80    0.30    0.00    0.00    0.00   19.44    1.87
 780.   51.51   49.12   19.37   467.37   0.09    0.00    3.09    1.32    0.30    0.00    0.00    0.00   19.44    2.76
 785.   50.46   47.10   29.59   478.91   0.08    0.00    3.09   -0.23    0.30    0.00    0.00    0.00   19.49    1.04
 790.   47.49   46.63   40.06   467.37   0.08    0.00    3.10   -0.48    0.30    0.00    0.00    0.00   19.50    3.35
 795.   48.19   46.34   50.28   452.94   0.08    0.00    3.10   -0.59    0.30    0.00    0.00    0.00   19.52    2.06
 800.   46.95   46.12   59.54   452.94   0.08    0.00    3.09   -0.67    0.30    0.00    0.00    0.00   19.52    3.17
 805.   48.27   45.83   69.78   461.60   0.08    0.00    3.10   -0.71    0.30    0.00    0.00    0.00   19.52    2.84
 810.   49.73   45.71   10.13   476.02   0.08    0.00    3.08    1.69    0.30    0.00    0.00    0.00   19.51    3.29
 815.   47.73   46.17   19.36   447.17   0.07    0.00    3.09    1.24    0.30    0.00    0.00    0.00   19.53    1.84
 820.   48.39   46.90   29.59   450.06   0.08    0.00    3.09    0.35    0.30    0.00    0.00    0.00   19.56    2.36
 825.   43.51   44.44   40.05   464.49   0.07    0.00    3.09   -0.47    0.30    0.00    0.00    0.00   19.59    2.74
 830.   45.66   44.22   50.28   473.14   0.07    0.00    3.09   -0.55    0.30    0.00    0.00    0.00   19.58    2.39
 835.   44.76   43.39   59.54   458.72   0.07    0.00    3.09   -0.64    0.30    0.00    0.00    0.00   19.58    1.86
 840.   46.98   45.15   69.77   484.68   0.07    0.00    3.09   -0.68    0.30    0.00    0.00    0.00   19.60    1.90
 845.   44.27   42.98   10.12   473.14   0.07    0.00    3.08    1.55    0.30    0.00    0.00    0.00   19.62    2.74
 850.   43.90   42.22   19.36   473.14   0.07    0.00    3.08    1.14    0.30    0.00    0.00    0.00   19.65    2.05
 855.   46.46   43.44   29.59   458.72   0.06    0.00    3.08    0.30    0.30    0.00    0.00    0.00   19.66    2.50
 860.   44.34   42.68   40.05   461.60   0.07    0.00    3.08   -0.42    0.30    0.00    0.00    0.00   19.65    2.78
 865.   43.76   42.39   50.28   478.91   0.06    0.00    3.08   -0.58    0.30    0.00    0.00    0.00   19.71    2.80
 870.   45.24   44.98   59.54   476.02   0.07    0.00    3.08   -0.63    0.30    0.00    0.00    0.00   19.67    1.76
 875.   45.00   43.24   69.78   444.29   0.06    0.00    3.08   -0.62    0.30    0.00    0.00    0.00   19.69    2.67
 880.   44.73   43.73   10.12   455.83   0.06    0.00    3.08    1.52    0.30    0.00    0.00    0.00   19.72    2.47
 885.   43.88   43.10   19.36   458.72   0.06    0.00    3.08    1.08    0.30    0.00    0.00    0.00   19.71    1.47
 890.   40.37   42.05   29.58   478.91   0.07    0.00    3.07    0.21    0.30    0.00    0.00    0.00   19.67    2.30
 895.   42.85   42.41   40.05   447.17   0.07    0.00    3.08   -0.35    0.30    0.00    0.00    0.00   19.79    1.36
 900.   41.98   41.88   50.28   444.29   0.06    0.00    3.07   -0.54    0.30    0.00    0.00    0.00   19.78    1.78
 905.   41.05   40.24   59.55   452.94   0.06    0.00    3.07   -0.62    0.30    0.00    0.00    0.00   19.77    2.80
 910.   44.02   42.07   69.78   452.94   0.06    0.00    3.07   -0.60    0.30    0.00    0.00    0.00   19.78    1.66
 915.   44.85   42.61   10.12   467.37   0.06   -0.00    3.07    1.44    0.30    0.00    0.00    0.00   19.83    1.51
 920.   42.68   42.49   19.35   438.52   0.06    0.00    3.07    1.05    0.30    0.00    0.00    0.00   19.80    2.43
 925.   40.24   40.12   29.58   444.29   0.06    0.00    3.07   -0.22    0.30    0.00    0.00    0.00   19.83    1.52
 930.   42.41   40.76   40.04   464.49   0.06    0.00    3.07   -0.42    0.30    0.00    0.00    0.00   19.83    0.98
 935.   41.29   40.49   50.27   429.86   0.05    0.00    3.07   -0.50    0.30    0.00    0.00    0.00   19.84    1.56
 940.   40.95   40.56   59.54   438.52   0.05    0.00    3.07   -0.57    0.30    0.00    0.00    0.00   19.84    1.80
 945.   39.68   39.05   69.77   450.06   0.05   -0.00    3.07   -0.55    0.30    0.00    0.00    0.00   19.87    2.88
 950.   40.78   39.61   10.11   464.49   0.05    0.00    3.06    1.40    0.30    0.00    0.00    0.00   19.89    1.60
 955.   41.85   39.49   19.35   458.72   0.05    0.00    3.06    1.01    0.30    0.00    0.00    0.00   19.86    1.18
 960.   43.44   40.63   29.58   461.60   0.05    0.00    3.06    0.24    0.30    0.00    0.00    0.00   19.69    2.10
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TIME       42       43       44       45       46       47       48
   0.     0.72    -0.26     0.05    -0.43     1.84     0.00     0.00
   0.    -0.88     0.51     0.07     0.68    -1.28     0.00     0.00
   0.     0.82    -1.25     1.13    -1.56     0.74     0.00     0.00
   0.     0.36    -0.12    -0.98     0.95    -0.47     0.00     0.00
   0.     0.11    -0.14     0.84    -0.17    -0.49     0.00     0.00
   0.    -1.12     1.27    -1.12     0.53    -0.34     0.00     0.00
   5.     0.62     0.28    -0.51     0.19    -0.38     0.00     5.00
  10.     1.57    -0.87     1.08    -1.17     1.22     0.00    10.00
  15.     0.39     0.47     0.38    -0.76     0.24     0.00    15.00
  20.     0.53     0.15     0.35    -0.79     0.20     0.00    20.00
  25.     0.49     0.40     0.03    -3.17    -1.09     0.00    25.00
  30.     0.15     0.30     0.45    -0.42    -0.74     0.00    30.00
  35.     0.10     1.02    -0.35     0.07    -0.05     0.00    35.00
  40.     0.63     0.42    -0.45    -1.88     0.32     0.01    40.00
  45.    -0.77     1.64     0.38     0.17    -0.09     0.03    45.00
  50.     0.19    -0.46     1.24     0.08    -0.32     0.06    50.00
  55.     1.47     0.67     0.07     0.18    -1.60     0.17    55.00
  60.     2.88     1.62     0.50    -2.34     0.52     0.31    60.00
  65.     4.49     2.44    -0.97    -2.12     3.14     0.50    65.00
  70.     5.77     1.89    -1.79     0.67     0.29     0.67    70.00
  75.     8.08    -1.08    -3.61     0.03     0.48     0.34    75.00
  80.     3.19    -1.39    -0.41     0.00     1.90     1.01    80.00
  85.     2.01     3.18    -0.41    -2.44    -1.55     1.21    85.00
  90.     6.17     0.54    -0.16    -2.78     1.01     1.52    90.00
  95.     4.93    -0.19    -1.83    -0.23    -1.36     1.91    95.00
 100.     4.90     5.16    -2.57    -1.15    -1.48     2.20   100.00
 105.     3.11     2.48     0.94    -1.37     1.68     2.43   105.00
 110.     5.27    -0.03    -0.33    -0.30    -0.28     2.58   110.00
 115.     6.45     2.03    -2.46    -1.63     0.29     2.64   115.00
 120.     2.00     6.73     1.90     0.53    -1.94     2.62   120.00
 125.     6.49     0.42     0.96    -0.18    -1.77     2.82   125.00
 130.     4.74     0.58    -2.40     0.35    -0.71     2.88   130.00
 135.     6.76     3.26    -0.66    -1.72    -0.49     3.01   135.00
 140.     4.29     1.72    -2.17     0.43    -4.05     3.09   140.00
 145.     5.86     3.14     1.30    -3.54     0.19     3.28   145.00
 150.     3.24     4.26    -2.02    -3.14    -0.26     3.44   150.00
 155.     4.59     1.16    -0.40    -3.45    -1.68     3.38   155.00
 160.     6.74    -2.81    -0.27    -0.73     0.13     3.44   160.00
 165.     5.98     1.74    -0.72    -2.09    -2.60     3.53   165.00
 170.     7.58     3.20    -2.02    -1.59    -0.42     3.72   170.00
 175.     6.77     2.52    -1.63    -1.67     0.33     3.63   175.00
 180.     6.71     3.16     0.63    -2.32    -2.84     3.14   180.00
 185.     2.02     2.31     3.17    -1.52    -3.18     3.24   185.00
 190.     4.42     2.72    -1.47    -1.36    -1.73     3.39   190.00
 195.     4.21     4.66    -1.12    -2.35    -1.03     3.44   195.00
 200.     6.93     1.47     0.25    -0.58    -2.64     3.33   200.00
 205.     7.16     1.59     0.04    -2.27    -0.89     3.08   205.00
 210.     7.73     0.16    -0.07    -0.47    -4.15     2.69   210.00
 215.     2.19     3.58     2.09    -1.06    -3.44     2.80   215.00
 220.     6.18     2.38     0.32    -1.39    -3.16     2.67   220.00
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TIME        42        43        44        45        46        47       48
 225.      3.27      4.49     -1.02      0.23     -2.99      2.71    225.00
 230.      3.85      2.05     -0.09     -0.56     -3.38      2.87    230.00
 235.      3.21      1.59     -0.12     -1.29     -2.35      2.69    235.00
 240.      5.22      3.65      0.78     -1.78      0.29      2.74    240.00
 245.      5.71      2.09     -0.41     -1.30     -0.41      2.87    245.00
 250.      5.94      2.21      0.65     -0.06     -2.09      2.67    250.00
 255.      6.39      1.68     -1.33      0.84     -2.15      2.41    255.00
 260.      5.52      2.68     -1.06      0.76     -1.65      2.69    260.00
 265.      7.03      1.70      1.31     -1.82     -0.31      2.55    265.00
 270.      4.46      1.57      0.11     -1.24     -2.63      2.52    270.00
 275.      4.48      2.76      1.31     -1.42     -1.57      2.38    275.00
 280.      7.29      3.15     -0.97     -2.47     -2.60      2.41    280.00
 285.      6.89      0.96     -2.55     -2.54     -0.99      2.72    285.00
 290.      3.82      4.31     -1.46     -1.82     -1.65      2.60    290.00
 295.      4.27      2.95      0.18     -1.75      1.14      2.60    295.00
 300.      6.80      2.29     -0.87     -0.87     -0.29      2.40    300.00
 305.      4.91      1.53      0.13     -0.43     -3.74      2.39    305.00
 310.      1.92      4.01      0.36     -1.62     -0.26      2.28    310.00
 315.      3.71      1.11     -0.86     -1.44      1.10      2.29    315.00
 320.      3.61      0.47      0.02     -0.47     -1.79      2.25    320.00
 325.      6.83      0.49      1.15     -1.57     -1.06      2.16    325.00
 330.      5.02      0.18      0.17     -0.41     -1.86      1.97    330.00
 335.      5.74      1.20      0.40     -1.49      2.59      2.06    335.00
 340.      5.09      2.93      1.17     -2.59     -0.68      2.02    340.00
 345.      3.71      3.20     -2.72     -1.40     -0.09      1.97    345.00
 350.      6.89      1.40      0.33      0.92     -4.93      1.87    350.00
 355.      6.25      2.95     -0.79     -2.78      1.20      1.75    355.00
 360.      3.65      4.22      0.63     -1.00     -0.20      2.01    360.00
 365.      3.60      4.09     -2.43     -0.68     -0.36      1.84    365.00
 370.      4.63      2.25     -1.02     -0.47     -1.41      1.92    370.00
 375.      6.78      1.94     -1.19      0.93     -1.64      1.94    375.00
 380.      6.83      1.65     -1.16     -1.45      0.16      1.95    380.00
 385.      2.60      1.93     -0.87     -2.67     -1.99      1.94    385.00
 390.      4.57      3.53     -1.81     -0.31     -0.00      1.97    390.00
 395.      6.08      2.46      1.84     -3.10     -0.35      2.03    395.00
 400.      3.62      1.61      0.47     -1.86     -0.58      2.04    400.00
 405.      6.25      3.05     -0.71     -1.28     -0.44      2.11    405.00
 410.      5.80      0.53      0.77     -1.20     -1.44      2.20    410.00
 415.      4.99      0.71      1.41     -1.00     -0.23      2.05    415.00
 420.      4.97      1.52      0.03     -1.11      0.55      2.11    420.00
 425.      7.55     -0.74     -0.70      0.14     -1.12      2.15    425.00
 430.      8.12      3.07     -0.44     -1.00     -2.20      1.81    430.00
 435.      5.64      0.28      0.90     -3.05      0.82      2.02    435.00
 440.      5.01     -0.21      0.32     -1.63     -0.12      1.94    440.00
 445.      2.88      0.49      0.75     -2.37      0.82      1.77    445.00
 450.      4.32      1.43      0.46     -1.01     -1.05      1.75    450.00
 455.      5.63      1.41      0.01     -1.65      0.93      1.69    455.00
 460.      4.20      1.84      0.23     -2.37      0.78      1.58    460.00
 465.      3.14      1.19     -0.09     -3.00     -1.42      1.59    465.00
 470.      7.11      1.52     -0.30     -0.86     -0.58      1.61    470.00
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TIME       42      43      44      45      46      47      48
 475.    7.14    2.73   -1.67   -0.96    0.55    1.52   475.00
 480.    5.03    0.40   -1.84   -1.72   -0.48    1.50   480.00
 485.    2.65    1.85   -0.19   -0.75   -0.63    1.45   485.00
 490.    3.38    1.45   -0.20   -1.20   -1.03    1.41   490.00
 495.    7.27    2.09   -0.77   -1.00   -1.70    1.31   495.00
 500.    4.66    0.30    0.11   -1.99   -0.68    1.24   500.00
 505.    3.19    2.20   -0.32   -1.22   -0.19    1.30   505.00
 510.    4.58    1.62    0.22    0.02   -1.68    1.24   510.00
 515.    4.91    1.12   -0.11   -1.89   -1.18    1.22   515.00
 520.    3.60    1.07    0.82   -0.75   -1.93    1.21   520.00
 525.    7.35    1.69   -0.02   -1.14   -1.09    1.15   525.00
 530.    2.98    1.17    0.18   -0.45   -0.94    1.10   530.00
 535.    3.05   -0.45    1.93   -1.33   -0.81    1.11   535.00
 540.    3.12    1.23    0.88   -1.62   -1.35    1.09   540.00
 545.    5.06   -0.15    0.63   -0.57   -1.09    1.06   545.00
 550.    4.25    0.52    0.02   -1.35    0.43    1.00   550.00
 555.    3.61    0.52    0.10   -1.14   -0.78    0.97   555.00
 560.    3.50    1.43    0.14   -1.16   -0.29    0.98   560.00
 565.    4.00    1.58   -0.32   -1.07   -0.77    0.95   565.00
 570.    3.58    2.37   -0.74   -1.46   -0.32    0.94   570.00
 575.    4.53    0.49   -0.33   -0.68   -1.07    0.92   575.00
 580.    3.48    1.62    0.37    0.12   -1.87    0.88   580.00
 585.    4.28    0.55    0.47   -1.20    0.23    0.89   585.00
 590.    3.38    1.63   -0.20   -1.16   -0.89    0.86   590.00
 595.    3.47    0.89    0.73   -1.72   -0.15    0.82   595.00
 600.    2.98    2.55   -0.29   -1.64   -0.36    0.79   600.00
 605.    3.61    0.71    0.16   -0.17   -1.29    0.78   605.00
 610.    5.00   -0.45    0.86   -0.83   -0.20    0.75   610.00
 615.    4.73    0.42    0.73   -0.90   -0.42    0.71   615.00
 620.    2.70    1.08   -0.40   -0.68    0.06    0.69   620.00
 625.    3.64    0.65    0.25   -0.76    0.07    0.65   625.00
 630.    3.93    1.21   -1.34   -0.03   -0.96    0.63   630.00
 635.    3.39    0.66    0.93   -1.74    0.38    0.62   635.00
 640.    2.93    0.72    1.08   -2.11    1.00    0.60   640.00
 645.    4.12    0.52   -0.03   -0.17   -0.89    0.57   645.00
 650.    3.86    2.04   -1.11   -1.75   -0.38    0.57   650.00
 655.    2.91    2.25   -0.62   -0.24   -1.28    0.54   655.00
 660.    2.51    0.62    0.67   -1.17   -0.47    0.50   660.00
 665.    2.78    1.28    0.37   -2.01    0.06    0.49   665.00
 670.    2.82    1.43    0.36   -1.28    0.35    0.46   670.00
 675.    2.93    1.74   -0.74   -0.85    0.38    0.45   675.00
 680.    4.60   -0.60    1.11   -1.59    0.39    0.43   680.00
 685.    3.48    0.22    0.81   -2.27   -1.19    0.42   685.00
 690.    3.60    0.75    0.07   -1.15    0.58    0.41   690.00
 695.    3.37    1.27   -0.54   -0.34   -0.96    0.39   695.00
 700.    2.44    1.39    0.13   -1.12   -0.51    0.37   700.00
 705.    2.59    1.68   -0.62   -0.54   -0.51    0.35   705.00
 710.    2.46    1.26    0.25   -0.55   -0.74    0.33   710.00
 715.    2.45    0.87   -0.32   -0.14   -0.94    0.32   715.00
 720.    2.56    1.61   -0.21   -0.67   -0.76    0.30   720.00
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TIME       42       43       44       45       46        47      48
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 730.     2.54     0.92     0.30    -1.51     0.62     0.27   730.00
 735.     2.57     0.51     0.59    -0.64    -0.35     0.25   735.00
 740.     2.85     0.56     0.48    -1.38    -0.67     0.24   740.00
 745.     2.08     1.80    -0.42    -0.68    -0.60     0.24   745.00
 750.     2.75     0.58     0.33    -1.08     0.14     0.21   750.00
 755.     1.49     1.85    -0.82    -0.01    -0.23     0.20   755.00
 760.     2.85     0.77    -0.18    -1.05    -0.22     0.18   760.00
 765.     3.23     0.44    -0.15    -0.46    -0.13     0.17   765.00
 770.     1.90     0.41     0.36    -0.52    -0.10     0.17   770.00
 775.     2.75     0.42     0.55    -1.19    -0.29     0.16   775.00
 780.     3.02     0.41    -0.01    -0.97    -0.28     0.16   780.00
 785.     3.27     0.25    -0.04    -1.14     0.21     0.15   785.00
 790.     1.83     1.57    -0.73    -0.24    -1.05     0.14   790.00
 795.     2.95    -0.14     0.77    -0.98    -0.28     0.13   795.00
 800.     1.57     0.68     0.33    -0.45     0.19     0.13   800.00
 805.     2.31     0.71    -0.37    -0.40    -0.60     0.13   805.00
 810.     1.70     0.91     0.33    -1.45     0.48     0.12   810.00
 815.     2.42     0.22     0.06    -0.24    -1.09     0.11   815.00
 820.     1.78     0.51     0.42    -0.75     0.50     0.10   820.00
 825.     1.92     0.86    -0.03    -0.53     0.52     0.09   825.00
 830.     2.02     0.67    -0.35    -0.28    -0.76     0.08   830.00
 835.     2.45    -0.26     0.62    -0.74     0.16     0.08   835.00
 840.     2.15     1.03    -0.29    -0.50     0.11     0.07   840.00
 845.     1.98     0.39    -0.10    -2.26    -0.45     0.06   845.00
 850.     2.33     0.18     0.11    -0.85    -0.05     0.06   850.00
 855.     1.73     0.67    -0.50    -0.12    -0.44     0.06   855.00
 860.     1.42     0.52     0.14    -0.22    -0.81     0.06   860.00
 865.     1.26     0.70     0.11    -0.88    -0.05     0.04   865.00
 870.     1.98     0.84    -0.09    -1.20     0.70     0.04   870.00
 875.     0.96     1.29    -0.31    -0.15    -1.15     0.04   875.00
 880.     1.05     0.52    -0.01    -0.13    -0.15     0.04   880.00
 885.     2.02     0.11     0.41    -0.68    -0.42     0.03   885.00
 890.     1.42     0.65    -0.00    -0.61    -0.20     0.02   890.00
 895.     1.94     0.17     0.07    -1.05     0.84     0.03   895.00
 900.     1.97     0.17     0.35    -1.12     0.62     0.02   900.00
 905.     1.36     1.27    -0.23     0.07    -0.57     0.02   905.00
 910.     2.36    -0.14     0.77    -1.11     1.00     0.02   910.00
 915.     2.02     0.37     0.15    -1.14     0.39     0.01   915.00
 920.     1.15     1.20    -0.74    -0.01    -0.09     0.02   920.00
 925.     2.22     0.14     0.18    -0.39     0.23     0.01   925.00
 930.     2.09     0.35     0.44    -1.37     0.68     0.01   930.00
 935.     1.63    -0.18     1.03    -0.74    -0.22     0.01   935.00
 940.     1.67     0.60    -0.00    -0.40     0.07     0.01   940.00
 945.     0.55     1.00     0.37    -0.81     0.69     0.01   945.00
 950.     1.98     0.58    -0.17    -0.70     0.01     0.01   950.00
 955.     1.96     0.13     0.23    -0.38     0.07     0.00   955.00
 960.     1.60     0.04     0.38    -0.16     0.21     0.01   960.00
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TIME      0        1        2        3        4        5        6        7        8        9       10       11       12       13
   0.    34.29    29.39    26.82    24.10    23.47    22.67    22.32    44.27    43.15    41.34    37.93    34.34    32.71    31.10
   0.    33.63    29.65    27.57    23.95    24.10    22.38    22.42    44.17    43.10    41.17    37.66    34.17    32.54    30.78
   0.    32.73    29.67    27.25    24.20    24.63    22.38    22.42    44.24    43.17    40.95    37.29    34.24    32.37    30.93
   0.    34.61    29.67    27.10    24.02    24.75    22.47    22.47    44.19    43.17    41.32    37.34    34.51    32.98    31.19
   0.    33.83    29.72    26.67    24.00    25.77    22.35    22.57    44.17    43.12    41.44    37.76    34.49    33.10    31.46
   0.    33.68    29.55    27.27    24.05    25.32    22.27    22.27    44.15    43.15    41.24    37.12    34.17    32.90    31.10
   5.    41.17    33.76    26.35    23.47    23.35    22.12    21.85    44.32    46.15    41.98    41.63    39.63    36.98    35.39
  10.    47.49    41.58    33.54    23.77    24.65    22.12    22.00    45.41    49.68    44.61    45.37    44.98    44.29    39.43
  15.    54.93    45.68    32.93    23.82    23.92    22.67    22.38    47.71    52.71    51.71    51.76    51.49    49.66    47.90
  20.    61.14    55.49    36.54    23.77    23.92    22.80    22.95    52.24    62.21    59.52    59.19    58.74    58.32    56.27
  25.    78.61    67.40    46.98    23.90    24.20    23.57    22.65    56.49    79.00    66.00    72.98    73.15    72.27    64.57
  30.   110.32   100.90    57.32    24.42    24.27    22.82    22.40    66.26   100.73    90.40    93.59    92.38    95.90    90.43
  35.   163.00   142.42    72.66    24.57    23.87    22.27    22.00    79.69   178.52   146.67   146.77   140.55   146.12   137.40
  40.   216.30   188.35   101.07    24.38    23.50    22.10    22.30   113.15   233.61   192.42   195.47   198.92   195.75   187.40
  45.   274.27   231.30   141.75    24.77    23.52    22.05    21.88   136.02   290.19   248.66   243.80   251.10   250.80   240.93
  50.   281.41   269.12   106.71    24.02    22.30    21.90    21.82   171.72   329.17   315.78   316.44   315.85   308.80   294.12
  55.   317.12   292.09   182.17    24.57    22.55    22.63    21.75   202.51   389.59   342.40   343.90   339.19   322.21   314.07
  60.   312.46   296.29   154.65    24.40    23.77    22.25    22.40   217.70   368.52   346.15   342.02   343.44   329.83   339.80
  65.   293.05   281.17   198.41    26.57    23.70    22.10    22.12   238.46   400.00   360.67   346.40   343.05   340.50   340.07
  70.   315.12   294.78   185.15    26.07    23.75    22.30    22.15   260.17   401.16   367.52   359.21   355.45   341.14   346.15
  75.   312.45   294.95   224.92    27.10    23.72    22.22    22.02   268.24   405.55   367.74   359.57   348.74   348.41   341.56
  80.   324.40   310.56   232.83    28.27    24.13    22.42    22.10   281.49   420.88   382.17   364.93   357.36   349.21   343.45
  85.   325.64   310.19   245.88    55.56    23.67    22.27    22.25   289.07   427.09   389.38   364.67   364.40   347.29   340.62
  90.   313.21   316.80   246.93    38.27    23.75    22.30    21.97   291.57   431.24   405.93   392.09   371.19   363.67   351.43
  95.   316.73   312.43   240.39    52.80    23.55    22.00    21.95   308.90   437.12   403.05   389.95   381.48   364.79   355.38
 100.   342.83   325.29   267.98    53.49    23.07    21.90    21.82   314.41   429.93   408.38   387.05   371.02   370.12   366.93
 105.   347.85   314.00   192.67    34.05    23.67    23.15    22.77   311.27   429.48   401.88   391.05   383.02   370.19   365.88
 110.   312.09   312.83   233.34    41.98    22.65    21.95    22.30   314.90   406.02   399.86   386.64   369.51   364.52   358.52
 115.   330.00   316.68   232.41    42.05    23.77    22.60    22.97   311.05   408.38   386.81   368.04   369.81   361.64   359.67
 120.   328.59   303.51   218.35    33.54    23.97    22.85    23.42   316.62   427.05   402.09   389.24   382.31   361.77   366.19
 125.   347.68   310.05   258.56    34.88    24.70    22.90    23.35   322.76   426.31   402.69   392.52   383.43   364.56   363.90
 130.   345.66   313.41   241.41    31.27    23.52    22.42    22.90   321.59   406.16   406.05   390.07   383.36   362.63   367.12
 135.   344.63   293.58   231.15    31.24    23.52    22.45    22.77   321.38   408.42   397.45   384.12   367.60   367.52   366.74
 140.   341.71   290.83   204.39    39.32    23.85    22.05    22.50   324.93   403.91   395.71   382.83   369.70   368.36   361.88
 145.   343.02   315.32   236.39    59.19    23.63    21.80    21.85   324.38   406.60   391.76   383.88   370.14   364.21   368.31
 150.   326.98   314.61   251.05    46.68    23.35    21.70    21.65   323.05   408.42   397.62   388.74   371.28   369.12   366.71
 155.   340.58   313.98   235.15    52.34    24.10    22.02    22.52   323.90   403.95   391.64   386.50   382.43   361.70   368.59
 160.   346.93   309.58   205.56    45.15    24.50    22.47    23.15   327.93   421.28   396.14   386.86   382.12   369.24   364.71
 165.   347.98   318.38   252.80    90.59    23.82    22.17    22.27   344.10   407.16   399.83   394.26   391.19   381.43   370.67
 170.   356.95   322.05   244.37    58.76    22.52    22.12    23.65   345.90   408.86   400.64   392.29   387.45   368.53   366.39
 175.   342.36   308.22   227.82    47.51    23.47    22.32    22.47   341.59   428.14   401.88   398.19   394.67   386.02   382.19
 180.   329.26   316.95   273.39    63.29    23.50    22.63    22.52   345.52   421.36   403.72   405.88   396.93   381.86   368.72
 185.   341.38   315.83   274.29    67.31    24.63    22.60    22.67   344.95   421.21   410.05   403.43   399.21   370.67   366.60
 190.   363.33   340.41   220.27    53.37    24.80    22.38    22.92   344.36   421.76   405.64   398.14   393.50   383.31   370.23
 195.   324.93   317.93   249.71    51.12    25.90    22.72    22.92   349.59   421.33   403.28   404.86   396.29   380.55   383.62
 200.   346.05   316.41   230.12    41.51    25.35    22.70    22.55   345.52   407.74   403.14   396.38   394.07   384.59   384.57
 205.   353.50   313.29   230.76    39.58    25.45    22.65    23.00   349.14   434.07   421.57   407.31   400.64   389.31   384.69
 210.   354.12   313.15   240.71    40.19    24.72    22.77    22.80   354.43   432.62   405.91   405.57   399.71   385.98   382.29
 215.   353.19   316.68   230.27    37.93    25.72    23.37    22.97   352.31   403.19   406.81   402.59   400.24   389.71   390.45
 220.   355.21   310.66   246.22    38.05    25.27    22.27    22.70   353.21   422.52   409.05   402.17   397.14   384.59   370.14
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TIME	0	1	2	3	4	5	6	7	8	9	10	11	12	13
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230.	352.90	320.45	283.22	44.76	22.70	22.57	22.67	357.38	429.17	403.91	405.59	401.43	389.38	381.21
235.	365.09	326.26	262.98	47.15	22.88	21.80	22.07	358.71	409.67	402.60	406.57	404.07	395.19	393.40
240.	346.67	324.40	251.10	37.80	23.30	22.17	22.72	361.40	429.86	406.09	409.24	402.90	388.76	366.29
245.	350.50	328.50	245.19	38.54	25.45	22.67	22.95	365.00	435.00	430.40	425.26	405.79	402.21	394.40
250.	353.67	325.29	264.32	55.39	25.42	22.42	23.02	362.00	433.42	430.59	424.86	405.74	400.17	397.36
255.	366.43	346.88	267.66	60.90	25.22	22.77	23.30	362.79	438.31	428.62	422.93	406.49	398.05	393.50
260.	363.90	347.27	244.49	57.63	25.35	23.75	23.13	371.49	434.95	427.19	409.14	402.72	397.00	393.02
265.	362.59	323.43	267.39	42.12	25.15	22.97	23.32	370.95	436.67	432.48	421.57	404.74	401.24	397.59
270.	358.33	328.00	246.05	45.80	24.88	23.07	23.25	369.16	431.60	428.90	410.77	405.35	401.71	400.19
275.	353.83	328.29	251.68	38.54	25.35	22.77	23.10	367.91	435.36	423.59	406.95	401.35	396.21	394.79
280.	366.40	341.39	275.24	37.66	25.55	22.88	23.17	364.63	429.59	407.93	402.58	407.69	395.28	396.31
285.	351.67	319.33	257.98	51.54	26.02	22.72	23.30	368.32	428.55	410.42	403.32	408.93	395.43	393.31
290.	360.38	338.78	272.37	69.54	25.35	22.27	23.15	369.05	428.21	410.74	405.72	400.67	396.19	391.69
295.	368.64	330.43	260.80	56.46	24.57	22.25	22.80	370.84	432.33	425.67	409.49	404.01	399.17	395.57
300.	356.88	318.88	266.41	53.54	24.20	22.72	22.88	368.19	425.71	407.07	410.33	407.02	397.45	395.09
305.	359.19	315.14	259.44	45.80	23.72	22.22	22.95	369.95	426.90	407.05	401.12	404.49	391.86	390.24
310.	353.48	325.48	243.68	46.83	23.60	22.60	23.20	368.84	425.17	405.72	407.59	403.26	392.81	393.52
315.	362.74	322.67	251.49	63.83	25.47	22.50	23.40	367.86	431.55	422.67	404.12	407.74	393.21	390.05
320.	362.40	339.39	258:37	59.59	24.00	22.00	22.50	367.79	430.14	409.35	401.81	406.59	396.12	393.86
325.	361.50	329.81	257.15	49.00	23.85	23.00	23.10	365.32	423.62	406.67	404.50	402.63	396.31	392.90
330.	352.07	315.26	260.27	57.10	25.02	22.57	22.55	366.93	421.90	406.81	402.50	407.52	392.69	393.55
335.	352.83	338.83	242.00	58.62	25.92	22.88	23.15	367.77	422.57	405.05	410.29	405.00	390.69	386.93
340.	361.55	318.64	250.71	52.19	26.47	23.17	23.47	369.63	410.00	402.02	405.50	390.14	384.67	385.28
345.	361.59	324.71	251.88	52.41	26.75	24.07	23.67	364.28	407.00	402.74	407.33	403.71	392.90	393.80
350.	353.64	316.58	247.63	43.51	26.47	23.42	23.45	365.88	408.91	407.00	402.64	398.64	388.64	388.95
355.	358.26	314.48	251.10	44.44	26.35	23.02	24.00	365.42	403.63	405.24	399.50	394.43	371.44	368.79
360.	350.83	312.57	231.42	41.00	24.32	22.95	23.20	369.07	403.93	407.07	398.52	393.64	380.52	369.88
365.	350.83	312.00	233.02	39.44	26.13	23.17	23.50	366.23	401.63	401.31	397.81	392.79	371.63	380.76
370.	353.90	318.19	234.02	38.10	26.02	22.75	23.90	366.39	400.04	404.31	400.21	396.07	385.26	383.40
375.	340.36	315.98	238.73	38.78	25.57	23.10	23.57	369.21	404.58	402.26	396.17	389.70	367.60	365.32
380.	347.49	307.71	224.85	36.73	26.72	23.05	23.02	365.40	397.33	390.43	387.14	383.24	362.67	370.21
385.	345.78	306.85	221.72	35.78	22.95	21.92	22.88	361.24	396.57	386.57	381.76	369.23	370.09	363.88
390.	341.46	301.80	188.10	37.63	26.02	22.02	22.27	359.12	394.02	384.79	380.80	367.93	365.93	363.81
395.	338.76	307.98	219.95	36.46	24.22	22.52	22.75	355.86	386.14	381.45	370.60	367.91	368.14	363.45
400.	340.63	317.10	218.02	34.63	25.90	22.32	22.57	351.76	382.74	369.35	365.98	362.04	357.09	354.36
405.	318.71	307.95	215.20	34.61	26.22	22.85	22.97	348.71	371.12	365.26	364.19	367.12	354.45	353.19
410.	319.50	294.05	205.49	34.12	24.45	22.50	22.77	343.09	366.19	368.05	364.12	362.79	352.02	349.43
415.	317.81	290.68	202.88	33.68	24.77	22.32	22.63	340.79	360.36	365.55	362.38	358.57	349.06	349.19
420.	318.52	297.15	200.65	33.95	25.35	22.07	22.82	346.37	369.24	361.48	358.57	357.29	348.07	347.90
425.	316.24	291.58	182.90	33.71	23.13	22.95	22.95	340.34	357.36	353.24	351.95	350.24	343.31	343.07
430.	311.22	283.85	150.37	33.00	23.72	22.57	23.02	326.07	347.03	345.90	345.50	341.40	343.49	342.51
435.	302.85	280.61	155.32	32.49	23.60	22.90	22.80	321.40	344.40	340.40	346.29	345.39	330.15	330.56
440.	306.37	275.27	128.24	32.95	26.02	23.67	23.10	318.09	341.34	345.39	343.00	343.37	328.24	327.88
445.	307.02	271.85	140.22	33.22	25.60	23.45	23.10	315.24	345.12	342.15	341.51	341.15	327.74	325.19
450.	301.73	274.90	158.62	32.15	25.17	22.10	22.26	311.79	342.44	338.60	330.64	330.02	321.74	321.86
455.	296.46	276.29	166.82	31.49	24.02	21.95	22.25	316.46	338.95	326.83	324.64	324.00	320.14	322.93
460.	301.95	268.85	184.35	31.34	24.77	21.88	22.27	313.32	329.07	323.95	322.21	321.26	315.69	318.52
465.	294.19	261.71	164.22	32.15	23.37	22.17	22.02	309.22	320.71	318.52	317.95	317.67	311.67	312.33
470.	291.05	263.07	151.02	31.61	25.72	22.10	22.42	305.66	318.95	315.88	314.74	313.95	315.93	316.02

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TIME	0	1	2	3	4	5	6	7	8	9	10	11	12	13
475.	285.41	260.39	145.20	31.05	25.80	22.63	22.85	294.26	311.86	310.67	310.90	310.67	312.32	312.73
480.	280.80	256.56	94.76	31.46	25.32	22.80	23.42	291.12	316.34	313.80	313.17	311.10	305.29	305.24
485.	273.58	254.66	114.66	31.17	23.32	22.20	22.42	294.29	310.24	309.19	306.08	305.95	293.26	292.93
490.	275.37	249.22	102.93	31.15	25.45	22.02	22.42	290.66	304.39	304.76	303.15	302.07	290.89	292.17
495.	270.27	248.07	126.12	30.83	25.42	22.20	22.07	287.19	292.88	292.09	292.14	292.81	293.66	292.24
500.	266.17	242.80	128.37	30.27	24.95	22.27	22.55	283.44	296.63	295.85	296.51	295.12	287.15	285.98
505.	261.41	242.10	117.05	30.19	24.65	21.85	22.27	280.51	292.00	292.32	292.80	291.22	286.90	289.34
510.	263.51	241.32	114.98	29.93	23.60	22.05	22.15	277.19	287.76	288.05	288.29	287.85	283.63	282.63
515.	261.66	236.61	112.85	29.29	23.85	22.22	22.70	274.34	285.02	284.49	283.19	282.68	279.46	279.02
520.	257.22	231.76	104.90	29.58	25.27	22.47	22.95	271.22	279.63	281.10	279.60	276.76	272.90	274.27
525.	253.49	231.07	96.67	29.61	25.20	22.77	23.05	268.34	277.08	277.78	277.95	277.71	271.83	271.24
530.	251.05	228.56	92.12	29.51	25.65	22.40	22.85	266.12	275.39	275.12	275.70	274.39	268.24	268.63
535.	245.34	232.25	87.59	29.71	24.15	22.57	22.60	263.63	272.05	273.61	272.00	272.10	265.07	264.44
540.	246.19	228.44	92.64	29.37	22.92	22.20	22.30	261.02	270.15	271.44	271.54	271.24	262.56	261.95
545.	244.56	231.27	101.93	29.72	24.42	22.45	22.60	258.37	266.39	266.80	267.29	265.80	258.07	257.93
550.	239.24	223.37	107.32	29.17	23.90	21.77	22.05	255.85	263.17	263.34	262.90	262.15	256.00	255.78
555.	238.00	225.42	100.44	29.45	24.75	21.90	22.10	253.56	260.27	259.88	258.34	256.69	252.34	253.63
560.	233.88	218.40	95.57	29.32	24.27	21.77	22.35	250.93	256.34	256.54	255.66	253.80	249.68	250.22
565.	232.95	217.97	100.61	29.42	23.67	22.22	21.85	248.37	252.68	252.46	251.15	249.17	243.93	246.07
570.	228.58	214.60	100.95	29.05	24.10	21.80	22.07	245.98	248.80	249.63	248.46	247.22	241.90	243.44
575.	232.85	207.56	113.51	28.75	24.17	22.20	21.80	243.88	247.07	247.88	247.44	245.66	239.98	241.54
580.	229.60	206.80	103.68	28.63	23.97	21.52	21.82	241.44	244.05	244.93	245.15	242.41	237.63	238.34
585.	226.52	204.51	90.98	28.90	23.20	22.25	22.60	239.10	240.54	240.66	239.90	239.93	234.24	235.07
590.	224.62	203.56	91.02	28.80	24.02	22.27	22.60	236.88	237.37	238.44	237.12	236.27	232.32	233.34
595.	221.57	198.51	84.98	28.57	24.17	22.05	22.00	234.63	234.19	235.10	234.29	233.76	229.54	230.37
600.	219.00	201.38	93.71	28.65	24.07	21.80	22.12	232.44	231.93	233.15	232.73	231.12	232.63	233.50
605.	216.40	199.02	93.33	28.42	23.67	22.40	22.20	230.41	228.37	229.44	229.24	227.95	229.60	230.65
610.	207.71	195.87	87.40	28.25	22.88	21.75	22.22	228.54	231.07	231.85	230.70	229.60	226.10	226.77
615.	205.85	192.47	78.93	28.07	23.55	21.97	21.67	232.02	228.60	229.50	228.57	226.27	223.10	223.22
620.	202.93	189.25	77.86	28.40	23.77	21.97	21.80	230.40	225.63	226.10	224.82	223.17	219.45	218.80
625.	200.41	187.32	89.14	28.35	24.52	21.82	21.95	229.25	223.55	221.95	221.75	220.45	217.27	216.13
630.	203.15	185.90	60.81	28.52	23.77	21.60	22.12	227.52	221.70	220.75	219.40	217.20	213.52	213.57
635.	201.57	183.45	69.58	28.00	22.92	21.65	22.10	225.63	219.39	218.32	217.02	215.15	205.80	205.98
640.	199.27	173.55	79.93	28.37	24.47	21.95	21.80	223.80	217.02	215.75	213.52	206.58	202.85	201.51
645.	194.82	175.15	81.59	28.35	23.47	22.32	21.80	222.20	214.82	213.95	206.46	205.19	201.10	200.65
650.	194.82	166.20	82.88	27.63	23.32	22.02	21.97	220.38	207.54	206.56	204.41	201.98	202.47	199.34
655.	191.50	167.55	85.21	27.60	23.22	21.80	22.02	218.85	205.10	204.17	202.15	199.78	200.02	197.52
660.	189.60	160.82	63.98	28.42	23.72	21.77	21.42	217.25	203.54	202.27	199.80	201.75	197.10	194.17
665.	186.20	160.60	57.34	28.22	23.63	21.57	21.97	215.45	202.60	200.61	202.95	199.67	193.55	191.67
670.	185.72	157.62	71.39	27.88	22.97	22.27	21.80	213.88	201.05	199.17	201.45	196.55	191.22	189.30
675.	183.92	154.52	64.26	27.70	23.67	22.10	22.12	207.49	200.19	202.45	199.15	193.32	188.75	186.15
680.	180.62	148.60	70.19	27.75	24.47	21.82	22.10	205.98	198.90	200.47	195.77	191.75	186.27	184.65
685.	179.17	146.97	71.54	27.47	23.92	21.82	21.70	204.90	202.30	199.10	193.67	189.75	183.40	181.25
690.	175.77	145.72	63.48	28.05	23.95	21.92	22.57	203.41	200.57	197.45	193.57	188.13	182.47	178.55
695.	171.52	145.27	54.56	28.27	24.02	22.15	22.07	202.29	198.82	196.07	191.55	186.47	179.22	174.75
700.	171.05	142.10	53.83	28.02	23.97	21.67	21.77	200.93	197.45	194.60	189.77	183.57	179.02	175.07
705.	170.00	136.55	63.45	27.52	23.77	22.15	21.80	199.63	196.05	193.47	188.32	182.82	175.85	172.35
710.	167.60	134.13	46.29	27.72	24.47	21.92	22.17	198.41	194.52	192.45	187.40	181.27	174.37	170.47
715.	167.17	135.55	50.61	27.35	24.22	22.00	21.65	202.12	193.77	191.35	185.38	178.45	173.32	168.17
720.	162.97	129.44	45.00	27.25	23.40	22.05	21.85	201.10	192.22	189.65	182.77	175.05	170.97	165.72

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TIME       0         1         2         3         4         5         6         7         8         9        10        11        12        13
 725.   162.57    126.37     59.00     27.77     24.85     21.85     22.07    200.00    191.15    188.50    180.67    173.82    168.42    164.35
 730.   158.17    122.98     57.95     28.13     24.17     21.90     21.97    198.77    190.10    187.40    179.72    170.85    167.27    162.32
 735.   156.77    118.51     49.15     28.00     23.17     22.02     21.70    197.75    189.02    186.60    179.37    171.63    164.40    158.05
 740.   152.82    119.88     59.12     27.60     24.27     22.12     22.05    196.97    188.00    185.32    178.35    170.30    161.52    154.52
 745.   157.13    112.78     44.56     27.77     24.42     22.12     21.75    195.77    186.72    184.17    177.27    167.92    161.07    153.75
 750.   153.07    116.17     44.05     28.17     24.05     22.00     22.22    194.75    185.50    182.97    176.27    167.10    158.57    152.15
 755.   150.67    113.98     40.51     28.32     24.65     22.45     22.40    193.63    184.45    181.75    175.00    166.52    157.15    149.97
 760.   149.32    112.98     54.51     27.85     24.17     22.60     22.42    192.63    183.57    181.02    174.88    164.22    154.95    148.47
 765.   151.17    110.68     54.49     27.77     24.05     21.88     21.52    191.50    182.32    180.20    173.65    163.97    153.32    148.65
 770.   147.15    109.56     58.57     27.15     23.77     22.10     22.50    190.52    181.40    179.90    171.70    161.32    151.80    146.42
 775.   147.30    109.15     58.78     26.85     23.17     22.02     21.97    189.52    180.75    178.35    171.07    161.57    150.52    143.25
 780.   146.00    106.49     58.38     26.90     24.47     22.25     21.90    188.72    179.72    176.90    169.55    160.95    149.47    140.52
 785.   146.15    102.10     52.93     27.45     24.52     22.50     22.25    187.63    178.65    176.32    169.55    159.20    149.20    139.22
 790.   148.40    104.37     59.90     27.55     24.52     22.45     22.17    186.90    178.02    175.45    168.13    158.17    147.50    137.97
 795.   144.63    102.29     45.22     27.38     24.27     22.35     22.40    185.92    177.12    174.27    167.52    156.75    145.55    136.45
 800.   141.20    102.27     50.27     27.25     24.02     23.22     23.27    185.15    176.27    173.57    165.85    157.00    144.47    135.57
 805.   142.80    101.10     54.83     27.57     23.87     22.47     22.70    184.25    175.38    172.97    165.77    154.47    144.02    135.45
 810.   137.57     96.26     56.39     27.47     24.88     22.55     22.40    183.17    174.15    171.50    164.15    153.52    143.10    133.42
 815.   135.27     94.76     61.00     27.12     23.45     21.90     22.17    182.32    173.15    170.72    163.37    152.15    142.10    134.00
 820.   135.57     95.38     61.74     26.42     23.72     21.92     22.17    181.42    172.45    170.22    163.25    151.85    140.80    127.83
 825.   138.20     93.74     64.69     26.32     23.47     22.17     21.97    180.55    171.55    169.13    162.02    151.60    139.40    126.05
 830.   137.90     93.00     55.10     26.57     24.32     22.05     22.02    179.88    170.80    168.15    160.57    149.63    139.25    126.71
 835.   136.32     92.59     58.29     27.22     24.90     22.45     21.95    179.22    170.22    167.25    159.30    150.10    138.20    125.49
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TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
0.	29.93	29.39	28.77	28.00	29.47	29.45	26.38	25.92	27.02	31.56	43.22	26.17	25.67	25.82
0.	29.88	29.85	28.55	28.05	29.40	29.25	26.25	26.17	26.95	31.39	43.24	27.02	26.55	25.82
0.	29.85	29.75	28.57	28.52	29.07	29.38	26.45	26.15	26.13	31.10	43.22	26.52	25.63	25.75
0.	30.44	29.44	28.82	28.50	29.07	29.47	26.63	26.20	26.82	31.19	43.22	27.17	26.90	25.90
0.	30.49	29.51	28.45	28.15	29.05	29.25	26.30	26.02	27.05	31.19	43.24	26.02	26.47	25.95
0.	29.66	29.17	28.32	28.37	29.27	28.82	26.39	26.00	26.77	31.05	43.27	26.25	26.38	25.92
5.	33.95	33.07	32.58	31.85	30.39	31.71	28.85	28.22	28.55	32.46	43.27	28.30	27.75	27.00
10.	37.32	35.63	34.34	33.34	31.95	32.58	29.35	28.57	28.47	32.83	44.07	28.60	27.77	27.05
15.	45.68	40.44	38.22	35.49	33.37	33.45	29.85	28.67	29.38	33.56	46.56	28.30	28.35	27.22
20.	55.68	51.34	46.22	37.59	33.58	35.05	30.00	29.17	29.88	34.98	48.93	29.40	28.90	27.35
25.	62.17	58.32	55.63	46.51	35.54	36.83	31.37	29.58	30.29	37.88	54.39	29.90	29.08	27.50
30.	90.17	79.45	63.55	58.44	37.88	45.00	33.56	30.61	31.34	43.61	63.45	31.32	30.12	27.77
35.	133.92	114.29	90.14	79.21	47.88	53.93	37.90	33.24	33.22	52.44	78.67	32.80	31.46	28.22
40.	187.63	166.97	137.27	111.63	60.05	62.45	42.32	35.95	37.80	62.95	97.62	34.83	37.24	28.85
45.	235.46	228.70	219.47	150.00	79.81	74.51	45.50	39.29	41.24	78.21	133.85	37.95	38.60	29.65
50.	296.29	277.12	253.29	196.45	86.24	83.29	50.59	43.37	43.41	101.63	158.60	39.85	39.05	29.76
55.	312.90	294.32	282.58	220.07	93.69	87.40	52.95	46.02	47.93	119.76	178.47	41.00	41.80	31.02
60.	313.24	292.02	281.95	231.00	110.34	107.32	57.37	47.32	45.73	141.52	193.87	41.51	41.73	32.32
65.	319.43	302.02	284.61	234.78	124.00	117.95	61.57	48.66	50.07	153.05	202.88	46.15	45.17	33.90
70.	312.62	296.83	289.24	248.71	125.69	124.61	67.50	54.65	57.66	153.45	219.20	51.56	50.37	36.10
75.	313.79	311.37	314.71	291.80	153.47	135.38	75.19	57.10	58.17	162.00	231.82	52.85	51.15	38.37
80.	343.85	314.26	306.10	278.80	187.57	139.82	80.07	59.81	59.62	165.22	232.02	57.27	58.19	40.51
85.	328.55	312.93	315.02	296.07	199.37	141.00	83.98	64.07	63.40	164.92	243.51	58.22	57.98	42.85
90.	345.29	318.05	312.10	296.07	230.24	152.25	87.40	70.90	65.86	171.32	252.71	60.64	60.14	44.83
95.	342.95	340.37	315.52	310.39	237.10	167.52	96.90	75.10	67.48	177.27	266.95	64.90	61.52	47.32
100.	356.90	346.83	329.79	318.57	264.22	171.37	103.71	79.17	69.66	185.17	274.46	65.49	59.79	49.54
105.	353.12	347.88	312.71	291.81	236.98	172.45	109.07	82.86	72.73	187.35	272.41	74.37	70.19	51.44
110.	350.81	341.93	328.38	321.29	262.66	182.63	118.71	83.19	74.93	184.42	273.41	66.88	65.71	54.37
115.	353.95	342.90	324.62	316.62	287.19	185.38	127.68	100.88	78.09	185.00	274.39	70.83	79.07	56.58
120.	352.76	340.40	320.02	313.00	269.98	180.72	129.49	94.67	75.54	184.82	282.63	72.44	69.98	59.19
125.	351.14	343.44	322.26	313.59	259.44	193.97	135.90	88.12	77.74	181.35	286.10	70.44	74.05	58.67
130.	358.09	342.90	320.74	317.66	256.10	189.57	124.51	104.00	81.71	184.47	290.58	76.49	73.05	60.79
135.	350.98	340.88	318.09	307.34	257.12	184.07	124.80	105.22	79.55	182.00	289.56	70.83	76.63	62.24
140.	343.24	342.66	326.57	316.67	253.66	185.60	140.02	105.34	79.36	185.25	293.37	77.39	75.78	62.29
145.	359.48	350.52	339.73	314.76	277.80	201.50	129.05	101.10	78.00	185.02	296.12	78.63	74.98	62.59
150.	357.26	344.62	322.43	315.33	258.27	183.92	133.95	105.12	80.49	191.97	296.00	79.41	77.17	64.07
155.	359.79	342.81	328.19	317.02	261.02	194.42	140.02	110.51	78.76	191.45	290.08	74.29	77.70	64.93
160.	352.83	340.93	327.90	317.21	278.15	199.62	145.42	103.71	79.67	198.42	292.76	80.95	77.15	64.62
165.	365.09	357.52	346.27	344.58	294.07	231.00	146.17	100.88	83.50	202.80	309.34	83.76	80.02	65.09
170.	363.64	348.50	342.27	322.00	286.05	228.73	157.67	102.93	82.33	203.56	312.34	83.29	79.24	66.24
175.	364.79	351.69	348.49	341.15	280.66	231.10	157.07	115.02	80.74	205.51	311.24	85.09	80.86	69.93
180.	366.67	356.07	347.64	348.39	290.93	239.88	163.47	119.68	90.86	216.95	313.14	84.98	82.26	71.19
185.	366.12	354.71	345.14	343.15	303.78	229.30	152.72	114.12	88.69	204.49	315.43	82.69	87.40	72.88
190.	369.19	361.38	346.90	326.81	273.73	198.98	138.22	122.39	90.58	197.67	315.69	89.26	100.78	73.93
195.	362.72	354.17	343.05	345.29	288.56	217.55	145.38	110.63	90.57	200.63	317.57	84.31	87.36	74.90
200.	365.72	356.24	345.88	322.19	279.32	201.32	145.52	121.93	89.74	200.95	314.98	86.07	90.09	74.12
205.	367.60	351.02	341.52	340.54	276.54	199.93	142.00	117.19	93.57	196.75	317.17	87.79	89.59	74.54
210.	370.02	354.02	345.05	341.29	289.46	200.20	150.02	123.15	89.14	194.72	320.02	81.45	85.17	74.22
215.	369.98	357.74	351.57	342.43	289.95	199.17	149.97	111.46	87.55	200.00	322.69	84.21	91.59	73.10
220.	367.00	354.43	344.44	316.62	265.02	197.15	141.00	112.85	85.90	204.68	322.26	82.02	89.64	72.07

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TIME      14      15      16      17      18      19      20      21      22      23      24      25      26      27
 225.   363.79  355.14  345.88  321.88  266.51  203.25  137.15  121.58   90.09  201.58  323.26   85.86   88.98   71.02
 230.   363.91  357.69  346.50  343.29  278.32  197.62  134.70  118.71   88.17  203.85  326.93   86.74   93.67   71.24
 235.   384.48  361.05  348.46  324.33  277.12  203.32  136.63  118.32   87.43  205.93  329.21   85.24   89.12   71.02
 240.   365.95  364.90  351.59  346.76  272.95  204.10  146.95  122.00   90.90  222.15  339.95   89.08  102.51   71.15
 245.   382.88  361.81  354.31  347.79  293.19  219.60  148.02  120.58   91.69  225.82  344.02   81.74   92.71   70.90
 250.   382.19  368.93  358.76  350.12  287.90  207.05  152.25  129.56   93.57  227.67  347.61   86.62   92.52   71.56
 255.   367.53  363.84  367.67  357.93  293.76  216.02  157.50  125.56  101.02  217.17  342.69   90.43  100.58   72.49
 260.   381.50  366.74  357.69  347.00  286.46  224.95  148.75  120.95   89.74  216.85  345.31   87.95   90.71   73.58
 265.   388.83  368.93  357.55  344.74  273.15  206.49  147.45  125.41   93.49  217.77  345.62   86.69   95.05   73.29
 270.   387.64  365.91  354.83  342.02  268.58  214.95  142.49  125.24   93.55  220.15  347.00   89.81   95.07   73.07
 275.   370.44  359.31  348.36  346.61  261.95  206.80  146.32  125.49   92.24  220.77  345.24   79.02   91.95   72.61
 280.   384.21  364.00  353.62  344.88  277.19  201.66  148.65  120.85   92.48  221.82  344.17   89.33   93.71   72.10
 285.   380.88  362.51  360.31  352.26  294.93  213.70  150.97  119.24   90.24  220.25  344.95   88.52   90.71   72.34
 290.   367.56  364.38  355.86  353.36  287.07  220.00  162.50  121.58   90.36  207.24  347.86   91.90   94.14   72.56
 295.   381.55  362.26  361.90  346.85  279.34  221.52  162.77  120.32   95.43  214.97  349.00   91.67   96.76   72.98
 300.   381.55  363.98  352.95  341.98  275.51  226.17  155.57  120.39   93.12  223.00  349.55   88.21   96.76   74.02
 305.   381.50  369.90  358.24  344.64  270.80  222.95  156.92  117.07   93.98  220.65  349.26   88.81   95.71   75.22
 310.   370.07  361.74  353.93  342.69  287.93  220.27  155.07  122.51   95.36  221.50  351.09   90.26   95.45   76.32
 315.   368.39  360.29  351.29  343.59  274.63  217.77  153.35  119.05   95.69  226.05  351.79   87.40   93.09   76.61
 320.   371.35  367.69  358.38  352.98  275.07  213.65  154.95  125.27   92.48  222.27  351.31   89.93   97.24   76.76
 325.   385.71  364.56  360.95  350.95  301.93  217.50  160.57  135.15   94.31  220.00  351.86   89.55  101.93   76.80
 330.   382.83  369.62  359.09  352.79  290.34  202.63  152.90  123.71  104.41  224.88  352.02   91.40  102.88   77.27
 335.   367.07  365.48  355.90  345.95  284.34  219.57  152.02  123.58  100.93  227.15  351.36   96.12  102.61   78.02
 340.   367.23  366.88  358.36  344.88  278.98  217.52  152.10  127.10   93.83  225.27  351.86   87.24   93.64   77.95
 345.   382.74  363.44  364.43  358.09  303.24  222.15  161.55  124.10   94.24  220.95  352.36   90.64   97.80   77.12
 350.   367.86  364.55  354.09  343.14  292.83  237.49  153.00  116.00   92.50  223.12  350.24   87.24   93.81   76.00
 355.   366.33  359.33  351.24  340.29  280.98  229.45  156.20  121.46   97.48  227.40  350.52   86.55   96.52   75.56
 360.   369.12  362.17  353.36  346.45  285.54  225.20  165.00  124.37   95.59  227.60  348.69   86.12   94.76   75.66
 365.   361.98  359.86  352.79  347.64  294.85  227.38  152.60  120.15   93.76  228.05  349.07   90.93   92.59   75.34
 370.   363.65  360.81  348.21  338.78  279.68  202.72  148.22  133.97   94.26  225.32  349.80   96.69  103.32   75.32
 375.   366.31  357.88  346.29  322.09  260.22  215.60  142.32  136.57  104.39  232.22  348.62   89.55  100.83   75.78
 380.   360.07  357.29  346.36  340.02  252.44  208.75  138.45  125.95  101.29  225.42  344.83   91.33  101.34   75.80
 385.   359.76  352.02  346.10  320.76  262.22  195.75  139.88  120.58   93.26  221.17  341.48   87.38   90.95   74.76
 390.   354.88  343.71  342.22  317.05  252.10  200.05  140.85  126.61   93.55  221.63  347.37   91.05   97.02   74.19
 395.   353.14  345.95  343.68  314.52  251.85  196.42  137.57  117.24   94.64  222.82  345.34   88.93   93.57   74.10
 400.   346.02  342.24  329.95  311.88  251.29  195.25  137.32  129.85   97.14  218.20  342.88   94.52  101.10   73.78
 405.   347.64  344.21  343.10  316.41  245.61  195.20  141.90  129.02   96.31  216.50  340.66   91.00  100.95   73.85
 410.   343.98  348.54  339.83  315.07  233.05  201.05  123.93  119.90   94.00  216.80  330.36   92.93   95.57   74.05
 415.   341.88  339.76  317.83  306.89  230.19  192.38  134.02  127.44   89.14  214.45  326.45   83.06   93.14   74.12
 420.   347.15  330.14  316.71  292.00  238.71  180.02  127.46  125.76   92.95  205.54  323.59   87.01   94.33   74.22
 425.   328.64  321.24  311.24  295.76  220.71  185.45  128.34  119.05   89.74  203.05  319.45   86.26   92.26   73.63
 430.   325.76  321.93  311.07  292.07  220.55  174.42  120.37  110.49   92.00  198.46  315.05   83.67   89.06   72.71
 435.   323.76  317.79  314.78  289.07  231.05  170.70  117.39  109.95   87.00  201.00  312.00   87.50   92.50   72.17
 440.   322.26  316.36  314.66  285.90  232.63  167.13  119.60  107.90   88.95  197.47  315.90   83.66   89.59   71.46
 445.   313.95  313.05  311.22  287.71  227.30  167.08  123.70  110.37   83.21  201.40  312.71   79.05   91.05   70.73
 450.   316.09  317.00  305.32  279.98  218.22  159.90  109.63  103.76   88.52  200.42  309.51   81.36   87.62   69.95
 455.   311.48  315.39  304.68  276.15  223.57  157.10  110.00  119.76   90.45  196.02  306.51   83.49   92.55   67.33
 460.   312.02  310.98  301.51  273.02  205.68  151.50  111.61  107.80   80.67  196.80  303.90   85.29   83.79   67.14
 465.   312.98  306.73  285.76  266.85  204.07  156.08  111.63  113.05   84.95  196.57  293.49   79.00   83.29   67.17
 470.   309.17  294.29  283.00  260.08  209.17  155.13  110.63  107.95   81.83  190.45  297.22   80.26   84.14   66.90
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TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
 475.   294.14   296.76   280.73   256.10   200.88   147.07   109.07   107.54    79.09   185.75   294.19    80.76    77.71    66.36
 480.   296.66   293.37   269.05   245.24   191.22   152.88   100.73   102.49    79.52   183.22   290.32    77.37    81.07    66.05
 485.   294.17   289.93   267.63   246.12   194.47   150.52   101.61   105.02    80.33   179.27   287.17    77.56    79.67    65.79
 490.   290.17   288.58   263.15   236.90   193.47   159.42   102.02    95.14    80.45   177.20   284.17    78.02    81.00    65.02
 495.   287.24   283.07   257.19   233.46   193.97   145.85    91.95    96.17    78.73   172.88   281.12    75.19    77.83    64.33
 500.   282.78   280.54   252.44   230.02   184.22   140.20    90.64    87.83    77.93   170.32   277.03    74.93    79.62    64.19
 505.   282.32   277.66   248.32   232.46   182.38   133.95    93.06    87.55    77.56   172.67   275.12    75.44    80.74    63.67
 510.   276.83   275.10   246.15   233.35   183.72   130.27    96.07    94.29    76.63   170.60   272.39    76.12    77.90    63.38
 515.   275.15   272.27   247.54   231.55   185.15   127.61    95.31    94.69    77.67   165.65   270.07    76.19    75.44    63.05
 520.   271.68   269.41   245.63   224.32   176.30   119.39    90.02    95.79    78.07   167.25   266.80    67.31    75.34    62.74
 525.   266.78   265.39   242.27   217.15   165.55   119.12    90.17    96.36    75.37   162.55   264.10    72.78    74.95    61.98
 530.   265.27   262.39   232.22   218.45   176.65   127.88    89.30    90.93    75.88   160.97   262.07    74.19    76.00    61.48
 535.   263.10   260.00   231.71   214.85   176.05   122.49    85.36    89.17    74.17   156.38   259.51    72.41    73.71    60.95
 540.   260.22   257.63   231.88   215.75   171.35   122.83    91.33    87.83    76.41   154.65   257.24    74.90    79.15    60.52
 545.   255.88   254.10   230.92   203.83   164.95   117.12    89.31    83.69    76.17   157.20   254.49    74.39    74.63    60.17
 550.   253.54   250.05   227.75   201.56   158.55   111.73    87.62    84.83    75.00   159.07   252.22    72.37    77.03    59.81
 555.   251.41   246.83   224.95   198.49   163.50   118.00    87.64    83.08    72.37   154.72   249.93    71.17    71.63    59.45
 560.   248.61   243.49   219.80   202.60   161.63   119.12    89.76    85.40    72.41   150.80   247.49    70.27    70.46    59.52
 565.   244.85   240.98   218.40   199.30   164.38   121.44    83.12    83.38    72.12   145.38   244.95    70.03    72.54    59.29
 570.   242.05   235.02   215.07   199.42   160.42   122.51    84.57    78.45    73.10   145.40   242.00    66.59    72.17    59.12
 575.   239.56   235.46   206.51   196.35   159.77   107.78    85.03    80.14    65.86   144.40   240.76    66.98    67.21    59.09
 580.   236.49   229.41   204.90   191.47   158.00   114.85    91.95    81.59    66.14   143.70   238.41    67.45    67.14    58.71
 585.   233.07   231.88   204.49   189.25   157.85   109.88    80.79    82.38    66.49   141.45   236.24    69.71    70.68    58.29
 590.   231.00   228.55   201.60   184.47   153.92   103.15    79.93    79.76    67.64   139.25   233.90    65.69    66.40    58.02
 595.   228.24   223.57   197.30   181.90   154.02   101.02    79.26    77.17    66.55   137.25   231.08    63.62    63.01    58.95
 600.   231.13   217.63   195.52   177.97   147.00   102.83    79.00    74.98    64.52   135.72   229.03    65.52    62.57    58.71
 605.   227.42   214.22   191.60   175.92   143.32    95.31    76.49    75.71    65.29   135.55   233.45    62.59    62.64    58.02
 610.   221.67   207.61   183.47   171.37   139.95    94.08    74.54    74.02    65.02   135.90   231.52    66.07    69.76    57.63
 615.   218.65   203.85   180.90   168.77   137.55    93.17    75.07    78.66    65.71   129.37   229.47    66.26    66.62    57.32
 620.   214.70   201.49   175.35   166.92   139.35    94.05    75.90    74.58    65.69   127.15   227.62    60.14    65.02    56.95
 625.   206.39   199.73   173.55   162.20   129.80    90.67    77.34    73.56    65.52   124.12   225.47    62.50    65.33    56.73
 630.   203.78   197.82   175.40   162.77   135.90    90.24    76.39    75.71    65.81   125.05   223.57    63.01    62.90    56.19
 635.   199.88   196.67   170.63   159.65   129.76    90.76    76.59    76.27    65.40   124.54   221.70    58.71    61.21    56.07
 640.   202.62   191.63   165.47   156.13   125.39    87.81    73.02    64.62    63.02   122.00   220.05    59.79    62.09    55.34
 645.   198.97   184.02   166.50   152.80   128.85    89.31    72.37    65.55    64.26   120.02   218.25    61.79    64.83    55.34
 650.   201.32   181.47   164.52   151.95   126.90    88.98    71.78    73.02    65.14   119.34   216.37    59.21    62.76    55.17
 655.   192.15   180.70   159.30   150.32   121.66    86.79    71.17    64.81    59.48   119.95   214.70    58.54    58.73    54.98
 660.   188.67   178.22   161.25   149.02   120.05    85.38    69.80    64.57    64.33   118.66   207.83    58.63    59.80    54.41
 665.   187.75   176.82   159.07   145.45   117.37    85.29    66.06    65.79    62.55   117.66   206.24    57.86    61.07    53.90
 670.   184.42   174.85   156.62   146.47   121.37    91.00    66.95    71.98    61.69   116.24   204.05    57.98    61.09    53.46
 675.   181.57   172.13   154.77   142.12   118.80    85.83    65.07    66.93    60.90   111.32   203.39    58.39    57.06    52.95
 680.   180.27   169.85   150.85   139.55   115.98    83.67    66.02    65.74    61.90   111.12   201.00    54.90    59.12    52.37
 685.   174.52   164.13   151.07   139.82   110.00    86.07    63.30    67.26    59.64   109.05   200.54    56.00    58.51    52.05
 690.   172.57   163.82   149.60   137.07   116.66    86.02    63.79    63.31    61.17   108.02   199.15    57.34    58.14    51.71
 695.   168.40   160.20   143.63   135.40   114.90    82.50    65.09    62.24    60.19   109.41   203.02    57.24    58.83    51.34
 700.   167.70   158.20   141.72   133.47   115.00    85.29    66.09    61.00    59.21   108.68   201.70    58.57    58.58    51.34
 705.   165.72   154.88   142.70   133.42   112.24    84.83    63.90    62.45    58.50   107.85   200.17    53.85    57.78    51.34
 710.   164.80   153.70   141.95   125.93   109.58    79.02    64.12    57.93    58.31   107.80   199.20    55.76    58.90    51.10
 715.   162.02   152.67   139.72   129.63   108.80    78.33    61.48    62.02    59.43   104.49   197.92    56.37    57.33    51.00
 720.   160.52   150.88   138.17   125.10   111.15    78.43    59.61    62.24    56.00   104.00   196.07    54.46    53.27    50.50
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TIME      14      15      16      17      18      19      20      21      22      23      24      25      26      27
 725.  156.27  146.95  136.27  121.88  109.32   81.81   61.50   61.02   56.61  102.15  195.63   54.95   54.78   50.17
 730.  155.50  142.57  134.92  122.80  105.10   77.24   60.12   60.95   59.19  101.80  194.52   55.15   58.17   50.34
 735.  150.82  141.02  134.97  122.58  105.39   78.48   60.57   58.73   59.14  101.66  193.50   54.24   57.56   50.12
 740.  148.77  138.92  128.68  121.10  103.58   79.17   60.62   60.40   57.95  100.73  192.50   52.93   56.12   49.80
 745.  150.88  138.22  127.83  120.37  105.05   77.74   59.15   59.55   57.51  100.76  191.52   54.19   56.44   49.66
 750.  147.80  137.40  127.56  119.46  103.39   80.74   59.50   61.02   55.24   94.95  190.63   53.32   54.54   49.27
 755.  144.22  129.41  126.90  118.22  104.32   78.64   58.52   59.79   55.39   92.64  189.57   51.80   54.10   49.10
 760.  142.05  133.40  126.80  116.46  102.56   76.90   57.78   57.83   57.19   95.24  188.72   53.93   55.80   48.93
 765.  139.63  128.71  122.22  113.85   96.07   71.27   58.54   58.48   54.93   93.00  187.77   53.46   54.66   48.85
 770.  137.97  126.68  123.44  110.78   92.83   70.93   58.02   58.45   55.00   91.93  186.52   53.24   56.10   48.73
 775.  135.00  123.88  123.41  112.49   93.29   71.83   58.32   58.93   55.37   90.33  185.80   51.39   53.44   48.19
 780.  134.60  120.80  119.83  112.29   94.31   73.05   58.12   58.58   56.12   90.19  185.00   51.07   54.39   47.76
 785.  129.46  122.24  118.51  111.93   96.90   73.07   56.88   57.86   54.32   91.43  184.13   49.49   51.17   47.43
 790.  128.54  121.76  122.15  109.83   92.57   71.73   55.07   56.27   52.22   90.36  183.22   49.54   50.39   47.17
 795.  128.90  121.61  118.76  108.24   91.29   71.02   57.88   56.54   52.51   90.79  182.38   51.12   52.19   46.68
 800.  127.90  119.17  117.00  109.07   93.24   70.76   55.93   56.51   51.22   89.29  181.60   49.85   51.00   46.45
 805.  123.95  114.98  115.05  109.88   92.09   67.59   55.98   57.61   52.34   88.48  180.70   50.08   51.90   46.54
 810.  124.19  116.80  115.90  108.85   90.19   66.57   54.63   55.12   51.73   87.81  180.00   49.29   49.63   46.54
 815.  121.37  116.63  112.95  107.98   91.45   69.76   54.76   56.61   53.61   87.43  179.15   50.19   51.80   46.34
 820.  122.68  116.02  114.85  106.05   91.21   70.39   53.56   55.15   51.93   86.95  178.30   50.78   49.32   46.51
 825.  121.05  114.00  113.17  105.98   92.29   65.76   54.66   53.39   54.00   85.90  177.57   51.80   52.29   46.56
 830.  119.78  113.80  111.85  105.51   90.07   71.32   53.63   52.44   52.56   85.14  176.85   51.85   51.39   46.37
 835.  118.76  109.29  109.61  106.05   90.09   65.71   53.71   53.56   50.34   84.83  176.10   47.27   48.19   46.07
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TIME      28        29        30      31         32        33        34        35        36        37        38        39        40        41
   0.    27.07     27.42     19.34  6301.68     0.01      0.00     .0.00      0.43      0.00      0.00      0.00      0.00     21.00     -0.25
   0.    27.02     27.30     29.55  6323.64     0.01      0.00      0.00      0.25      0.00      0.00      0.00      0.00     21.00      0.07
   0.    26.77     27.55     40.04  6323.64     0.01      0.00      0.00     -0.14      0.00      0.00      0.00      0.00     21.01      0.00
   0.    27.02     27.75     50.26  6345.64     0.02      0.00      0.00     -0.08      0.00      0.00      0.00      0.00     21.00      0.14
   0.    26.77     27.38     59.53  6323.64     0.02      0.00      0.00     -0.32      0.00      0.00      0.00      0.00     21.00     -0.12
   0.    26.90     27.10     69.74  6323.64     0.01      0.00      0.00     -0.36      0.00      0.00      0.00      0.00     21.00      0.16
   5.    29.27     30.02     10.10  6323.64     0.02      0.02      0.03      0.90      0.00      0.00      0.00      0.00     20.87      0.93
  10.    31.19     31.34     19.33  6389.58     0.02      0.03      0.03      0.69      0.00      0.00      0.00      0.00     20.85      0.72
  15.    32.93     33.32     29.54  6323.64     0.03      0.04      0.05      0.38      0.00      0.00      0.00      0.00     20.73     -0.10
  20.    32.51     34.12     40.04  6345.64     0.06      0.06      0.09     -0.21      0.00      0.00      0.00      0.01     20.61      0.90
  25.    37.73     36.19     50.26  6301.68     0.11      0.10      0.14     -0.26      0.00      0.00      0.00      0.01     20.60      3.00
  30.    40.63     40.02     59.52  6301.68     0.20      0.17      0.30     -0.28      0.00      0.00      0.00      0.02     20.83      0.06
  35.    50.71     48.51     69.74  6279.70     0.29      0.26      0.46     -0.37      0.00      0.00      0.00      0.05     20.82      3.89
  40.    58.00     58.12     10.10  6191.77     0.42      0.34      0.71      3.28      0.00      0.00      0.00      0.09     19.94      6.29
  45.    77.29     78.32     19.33  6147.83     0.58      0.39      1.11      2.95      0.00      0.00      0.00      0.14     18.92      4.40
  50.    86.12     84.83     29.55  6059.89     0.69      0.42      1.42      1.33      0.00      0.00      0.00      0.17     17.88      7.03
  55.    71.27     79.43     40.04  5971.98     0.81      0.41      1.86     -0.69      0.00      0.00      0.00      0.17     16.44     10.65
  60.    82.02     89.33     50.26  5906.05     0.80      0.36      1.86     -0.90      0.00      0.00      0.00      0.17     15.08     12.07
  65.   115.88    114.34     59.53  5840.08     0.81      0.32      1.06     -0.97      0.00      0.00      0.00      0.16     13.61      8.66
  70.   134.13    122.07     69.75  5708.20     0.84      0.30      2.01     -1.03      0.00      0.00      0.00      0.16     12.61      8.62
  75.   136.07    143.67     10.11  5664.27     0.87      0.28      2.24      4.13      0.00      0.00      0.00      0.16     11.95      6.31
  80.   164.27    180.95     19.34  5510.39     0.88      0.26      2.28      3.49      0.00      0.00      0.00      0.15     11.39     12.29
  85.   178.65    196.15     29.55  5466.43     0.92      0.24      2.39      2.01      0.00      0.00      0.00      0.15     11.14      9.95
  90.   237.00    230.34     40.05  5334.55     0.95      0.22      2.24     -0.72      0.00      0.00      0.00      0.16     10.83      8.43
  95.   227.32    237.49     50.26  5268.61     0.97      0.22      2.43     -0.98      0.00      0.00      0.00      0.16     10.63     12.35
 100.   239.24    255.88     59.52  5158.70     0.98      0.21      2.25     -1.28      0.00      0.00      0.00      0.18     10.47     12.36
 105.   238.05    245.24     69.74  5114.77     0.91      0.23      2.39     -1.17      0.00      0.00      0.00      0.16     10.43      9.25
 110.   248.17    257.93     10.11  4982.86     0.93      0.21      2.15      4.19      0.00      0.00      0.00      0.16      9.95     10.69
 115.   306.54    284.27     19.34  4916.93     0.95      0.22      2.15      3.54      0.00      0.00      0.00      0.16     10.22     10.64
 120.   269.78    275.58     29.56  4850.98     0.92      0.21      2.26      1.73      0.00      0.00      0.00      0.16     10.82     11.19
 125.   248.49    263.95     40.05  4807.05     0.94      0.20      2.18     -0.69      0.00      0.00      0.00      0.16     10.69     11.04
 130.   251.24    257.58     50.27  4741.08     0.92      0.20      2.12     -0.98      0.00      0.00      0.00      0.16     10.87     12.03
 135.   247.15    262.12     59.54  4587.23     0.95      0.19      2.04     -1.15      0.00      0.00      0.00      0.16     10.90     11.43
 140.   248.32    261.68     69.74  4587.23     0.92      0.27      2.06     -1.22      0.00      0.00      0.00      0.15     10.95      8.50
 145.   278.49    283.44     10.11  4543.27     0.93      0.32      2.13      4.43      0.00      0.00      0.00      0.14     11.00      7.92
 150.   246.46    266.71     19.34  4389.43     0.90      0.28      2.17      3.59      0.00      0.00      0.00      0.13     11.20     11.20
 155.   261.76    270.95     29.56  4345.45     0.90      0.24      2.02      1.95      0.00      0.00      0.00      0.13     11.34     11.59
 160.   280.15    284.63     40.06  4323.48     1.05      0.28      2.12     -0.75      0.00      0.00      0.00      0.12     11.49      9.55
 165.   289.54    292.45     50.27  4169.61     1.00      0.27      2.13     -1.24      0.00      0.00      0.00      0.12     11.62     10.03
 170.   265.56    288.95     59.54  4125.64     0.96      0.26      2.10     -1.31      0.00      0.00      0.00      0.11     11.84     10.23
 175.   278.54    288.32     69.75  4081.71     1.14      0.26      2.16     -1.23      0.00      0.00      0.00      0.11     11.83      9.97
 180.   301.80    309.49     10.11  4072.92     1.17      0.25      2.07      3.94      0.00      0.00      0.00      0.12     11.58      9.77
 185.   289.80    311.41     19.35  3905.86     1.01      0.24      2.04      3.62      0.00      0.00      0.00      0.12     12.00      8.76
 190.   270.56    281.98     29.56  3817.92     1.00      0.24      2.15      2.05      0.00      0.00      0.00      0.11     11.91     11.24
 195.   281.10    296.02     40.05  3795.96     0.99      0.23      2.07     -0.84      0.00      0.00      0.00      0.11     11.62     10.14
 200.   270.90    288.44     50.27  3730.02     1.01      0.22      2.06     -1.09      0.00      0.00      0.00      0.11     11.31     10.65
 205.   273.49    280.41     59.53  3620.11     1.02      0.21      2.00     -1.18      0.00      0.00      0.00      0.10     11.90      9.75
 210.   285.19    291.39     69.75  3554.18     1.01      0.22      2.16     -1.26      0.00      0.00      0.00      0.10     11.63      9.00
 215.   271.66    292.37     10.11  3646.51     1.02      0.22      2.00      4.55      0.00      0.00      0.00      0.10     11.72      6.44
 220.   258.17    272.68     19.35  3444.27     1.00      0.21      1.99      3.56      0.00      0.00      0.00      0.09     11.92     10.24
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TIME     28       29        30      31        32       33       34       35       36       37       38       39       40       41
 225.  267.34   268.66    29.56  3400.33    1.05     0.21    1.95     2.35     0.00     0.00     0.00     0.08    11.99     9.60
 230.  266.66   276.58    40.06  3356.35    1.07     0.21    2.07    -0.49     0.00     0.00     0.00     0.08    12.14    11.84
 235.  280.24   286.37    50.27  3312.39    1.08     0.20    1.96    -1.10     0.00     0.00     0.00     0.07    12.14    15.10
 240.  269.24   280.76    59.52  3224.47    1.13     0.20    2.02    -1.25     0.00     0.00     0.00     0.07    12.41     7.26
 245.  283.15   297.00    69.75  3158.53    1.11     0.20    2.03    -1.19     0.00     0.00     0.00     0.06    12.69     8.66
 250.  263.02   283.46    10.11  3189.30    1.07     0.20    2.16     4.60     0.00     0.00     0.00     0.06    12.52    10.63
 255.  263.49   291.14    19.35  3070.61    1.09     0.20    2.13     3.88     0.00     0.00     0.00     0.06    12.23     9.17
 260.  264.85   289.66    29.56  2938.73    1.07     0.20    2.18     2.29     0.00     0.00     0.00     0.06    12.36    11.93
 265.  255.39   276.27    40.05  2916.75    1.13     0.20    2.10    -0.70     0.00     0.00     0.00     0.05    12.42     8.17
 270.  260.76   273.51    50.26  2806.85    1.10     0.20    2.06    -1.02     0.00     0.00     0.00     0.06    12.35    10.03
 275.  245.90   261.78    59.53  2762.89    1.09     0.19    2.02    -1.07     0.00     0.00     0.00     0.06    12.05     9.90
 280.  268.56   280.88    69.74  2696.95    1.09     0.18    2.03    -1.24     0.00     0.00     0.00     0.05    11.94    10.40
 285.  284.85   304.39    10.10  2780.47    1.10     0.19    2.00     4.59     0.00     0.00     0.00     0.06    11.95    11.61
 290.  286.07   291.37    19.34  2587.05    1.18     0.19    2.05     3.79     0.00     0.00     0.00     0.05    12.12     7.60
 295.  255.39   278.56    29.56  2565.07    1.13     0.19    1.99     2.43     0.00     0.00     0.00     0.05    12.43     6.98
 300.  268.17   282.05    40.05  2521.11    1.11     0.19    1.88    -0.81     0.00     0.00     0.00     0.05    12.53     7.05
 305.  268.12   290.90    50.26  2455.17    1.13     0.18    1.91    -1.15     0.00     0.00     0.00     0.05    12.43    11.03
 310.  282.98   293.46    59.53  2389.23    1.10     0.18    1.84    -1.26     0.00     0.00     0.00     0.05    12.45    13.21
 315.  265.12   286.68    69.75  2301.31    1.05     0.18    1.85    -1.24     0.00     0.00     0.00     0.05    12.90    11.29
 320.  262.66   274.71    10.11  2367.25    1.07     0.18    1.81     4.67     0.00     0.00     0.00     0.05    12.65     9.54
 325.  302.93   291.76    19.36  2213.39    1.11     0.18    1.82     3.71     0.00     0.00     0.00     0.05    12.51     9.85
 330.  293.19   291.90    29.57  2147.45    1.08     0.18    1.84     2.38     0.00     0.00     0.00     0.05    12.64     8.95
 335.  269.15   290.27    40.06  2081.51    1.03     0.17    1.88    -0.85     0.00     0.00     0.00     0.05    12.77     7.34
 340.  274.19   288.68    50.27  2059.53    1.07     0.17    1.82    -1.05     0.00     0.00     0.00     0.05    12.95    10.34
 345.  307.02   306.07    59.54  2015.57    1.10     0.17    1.82    -1.14     0.00     0.00     0.00     0.05    13.03     8.20
 350.  284.63   292.09    69.75  1949.63    1.10     0.17    1.80    -1.19     0.00     0.00     0.00     0.05    13.08     9.73
 355.  269.73   291.22    10.11  1993.59    1.05     0.18    1.70     4.58     0.00     0.00     0.00     0.05    13.10    14.15
 360.  285.83   293.73    19.35  1861.71    1.09     0.18    1.74     3.74     0.00     0.00     0.00     0.05    13.21     6.12
 365.  279.54   293.52    29.56  1773.79    1.07     0.18    1.77     2.44     0.00     0.00     0.00     0.04    13.40     9.03
 370.  273.66   277.88    40.05  1795.77    1.07     0.18    1.80    -0.67     0.00     0.00     0.00     0.04    13.73     9.10
 375.  241.49   255.39    50.27  1685.87    1.06     0.17    1.63    -1.10     0.00     0.00     0.00     0.04    13.64     9.91
 380.  237.24   255.49    59.53  1619.93    1.05     0.16    1.60    -1.07     0.00     0.00     0.00     0.04    13.43    10.53
 385.  249.51   266.98    69.74  1575.97    1.04     0.16    1.52    -1.21     0.00     0.00     0.00     0.04    13.52    10.06
 390.  244.58   257.24    10.10  1694.66    1.01     0.15    1.50     4.33     0.00     0.00     0.00     0.04    13.65     7.97
 395.  235.24   251.32    19.34  1532.01    1.03     0.15    1.46     3.47     0.00     0.00     0.00     0.04    13.72     6.10
 400.  232.80   243.56    29.55  1488.05    1.02     0.15    1.46     2.09     0.00     0.00     0.00     0.04    14.16     8.43
 405.  233.83   249.73    40.06  1444.09    0.99     0.15    1.40    -0.93     0.00     0.00     0.00     0.04    14.33     9.20
 410.  221.97   236.56    50.27  1422.11    0.95     0.15    1.36    -1.08     0.00     0.00     0.00     0.04    14.49     6.37
 415.  228.34   233.19    59.53  1400.13    0.94     0.14    1.30    -1.22     0.00     0.00     0.00     0.04    14.60     6.21
 420.  225.75   231.60    69.75  1370.15    0.89     0.14    1.32    -1.19     0.00     0.00     0.00     0.04    14.75     7.62
 425.  216.00   231.63    10.11  1446.28    0.86     0.14    1.21     4.26     0.00     0.00     0.00     0.04    14.00    10.04
 430.  207.22   224.20    19.34  1268.25    0.85     0.14    1.17     3.25     0.00     0.00     0.00     0.04    14.94     7.30
 435.  207.71   226.82    29.56  1224.29    0.83     0.13    1.15     1.72     0.00     0.00     0.00     0.04    15.18    12.11
 440.  225.75   224.22    40.05  1202.31    0.82     0.12    1.05    -0.71     0.00     0.00     0.00     0.03    15.36     8.65
 445.  218.50   216.67    50.27  1180.33    0.82     0.12    1.05    -1.02     0.00     0.00     0.00     0.03    15.65     6.63
 450.  202.00   214.97    59.53  1180.33    0.79     0.11    1.06    -1.09     0.00     0.00     0.00     0.03    15.81     7.77
 455.  193.02   202.49    69.75  1158.35    0.77     0.10    1.00    -1.17     0.00     0.00     0.00     0.03    15.94     9.51
 460.  179.35   194.52    10.12  1248.47    0.76     0.11    0.96     4.04     0.00     0.00     0.00     0.03    16.07     7.30
 465.  193.72   196.32    19.36  1158.35    0.72     0.11    0.93     3.08     0.00     0.00     0.00     0.03    16.19     5.68
 470.  185.55   192.88    29.56  1070.43    0.71     0.11    0.90     1.29     0.00     0.00     0.00     0.03    16.32     9.43
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TIME	28	29	30	31	32	33	34	35	36	37	38	39	40	41
475.	189.05	186.20	40.06	1070.43	0.67	0.11	0.88	-0.78	0.00	0.00	0.00	0.03	16.51	6.37
480.	171.77	186.87	50.27	1004.49	0.65	0.11	0.88	-0.88	0.00	0.00	0.00	0.03	16.63	8.04
485.	182.55	195.63	59.54	1026.47	0.62	0.11	0.83	-1.10	0.00	0.00	0.00	0.03	16.73	7.49
490.	182.35	184.57	69.75	1026.47	0.61	0.10	0.77	-1.06	0.00	0.00	0.00	0.03	16.84	5.88
495.	172.27	181.67	10.12	1116.58	0.60	0.10	0.79	3.79	0.00	0.00	0.00	0.03	16.94	7.14
500.	168.67	174.77	19.35	982.51	0.59	0.10	0.75	2.87	0.00	0.00	0.00	0.03	17.10	9.77
505.	160.72	171.52	29.57	960.53	0.59	0.10	0.75	1.02	0.00	0.00	0.00	0.03	17.26	7.23
510.	165.60	168.17	40.07	916.57	0.55	0.10	0.72	-0.91	0.00	0.00	0.00	0.03	17.34	6.94
515.	154.30	155.62	50.27	982.51	0.55	0.10	0.70	-0.95	0.00	0.00	0.00	0.03	17.45	8.05
520.	153.77	165.02	59.53	872.61	0.53	0.09	0.69	-1.05	0.00	0.00	0.00	0.02	17.56	7.04
525.	149.40	162.67	69.75	872.61	0.50	0.09	0.68	-1.05	0.00	0.00	0.00	0.02	17.65	7.09
530.	159.97	162.65	10.12	953.93	0.53	0.09	0.66	3.62	0.00	0.00	0.00	0.02	17.77	6.68
535.	154.70	159.07	19.35	850.63	0.50	0.09	0.65	2.70	0.00	0.00	0.00	0.02	17.83	6.11
540.	154.17	159.55	29.57	828.65	0.48	0.09	0.64	1.01	0.00	0.00	0.00	0.02	17.92	5.50
545.	146.88	153.75	40.06	806.67	0.47	0.09	0.61	-0.78	0.00	0.00	0.00	0.02	17.97	7.22
550.	144.88	147.40	50.28	806.67	0.45	0.09	0.61	-0.97	0.00	0.00	0.00	0.02	18.01	6.70
555.	141.88	144.07	59.54	828.65	0.45	0.09	0.57	-1.02	0.00	0.00	0.00	0.02	18.03	8.57
560.	146.15	152.10	69.76	806.67	0.44	0.09	0.56	-1.03	0.00	0.00	0.00	0.02	18.16	8.11
565.	138.65	145.80	10.13	903.39	0.41	0.08	0.54	3.42	0.00	0.00	0.00	0.02	18.21	7.97
570.	140.67	143.45	19.36	762.71	0.43	0.08	0.54	2.58	0.00	0.00	0.00	0.02	18.27	5.98
575.	134.30	140.60	29.57	740.73	0.41	0.08	0.54	1.05	0.00	0.00	0.00	0.02	18.36	4.98
580.	140.00	141.00	40.06	740.73	0.40	0.08	0.51	-0.71	0.00	0.00	0.00	0.02	18.44	3.80
585.	134.02	135.70	50.28	674.79	0.39	0.09	0.51	-0.81	0.00	0.00	0.00	0.02	18.53	5.71
590.	138.02	135.13	59.53	674.79	0.37	0.09	0.47	-1.00	0.00	0.00	0.00	0.02	18.60	4.94
595.	128.29	127.27	69.75	696.77	0.36	0.09	0.48	-1.04	0.00	0.00	0.00	0.02	18.62	5.72
600.	122.19	123.44	10.12	806.67	0.36	0.08	0.44	3.31	0.00	0.00	0.00	0.02	18.67	5.55
605.	119.80	120.85	19.34	718.75	0.35	0.08	0.43	2.39	0.00	0.00	0.00	0.02	18.73	4.29
610.	118.63	120.39	29.57	740.73	0.33	0.08	0.42	0.83	0.00	0.00	0.00	0.02	18.79	5.80
615.	120.17	121.80	40.06	696.77	0.34	0.08	0.39	-0.84	0.00	0.00	0.00	0.02	18.85	6.44
620.	114.51	116.07	50.28	696.77	0.32	0.08	0.39	-0.93	0.00	0.00	0.00	0.02	18.91	6.08
625.	114.85	112.73	59.54	674.79	0.31	0.07	0.39	-1.00	0.00	0.00	0.00	0.02	18.97	6.21
630.	112.98	109.24	69.75	696.77	0.31	0.07	0.39	-0.82	0.00	0.00	0.00	0.01	19.00	4.86
635.	116.98	113.24	10.11	811.06	0.30	0.07	0.38	3.14	0.00	0.00	0.00	0.01	19.03	3.29
640.	111.19	107.08	19.34	652.81	0.29	0.07	0.36	2.17	0.00	0.00	0.00	0.01	19.10	4.22
645.	112.19	109.73	29.56	696.77	0.28	0.07	0.35	0.64	0.00	0.00	0.00	0.01	19.14	4.51
650.	109.90	110.51	40.05	652.81	0.28	0.07	0.34	-0.80	0.00	0.00	0.00	0.01	19.15	6.49
655.	109.29	108.51	50.26	608.85	0.27	0.07	0.34	-0.89	0.00	0.00	0.00	0.01	19.16	2.74
660.	105.63	105.95	59.53	586.87	0.27	0.07	0.34	-0.92	0.00	0.00	0.00	0.01	19.15	2.59
665.	104.46	106.54	69.74	630.83	0.26	0.07	0.32	-0.87	0.00	0.00	0.00	0.01	19.10	6.67
670.	107.24	103.88	10.11	771.50	0.26	0.07	0.32	2.87	0.00	0.00	0.00	0.01	19.23	6.49
675.	102.34	101.66	19.34	630.83	0.26	0.07	0.32	2.03	0.00	0.00	0.00	0.01	19.27	5.08
680.	100.37	96.12	29.55	608.85	0.25	0.07	0.31	0.79	0.00	0.00	0.00	0.01	19.31	2.98
685.	103.34	96.38	40.05	630.83	0.24	0.07	0.30	-0.76	0.00	0.00	0.00	0.01	19.36	4.17
690.	96.76	95.36	50.26	630.83	0.24	0.07	0.30	-0.82	0.00	0.00	0.00	0.01	19.43	4.58
695.	95.79	93.02	59.53	652.81	0.24	0.07	0.29	-0.87	0.00	0.00	0.00	0.01	19.52	4.59
700.	95.21	93.90	69.74	630.83	0.22	0.07	0.29	-0.87	0.00	0.00	0.00	0.01	19.59	3.87
705.	101.22	95.71	10.11	747.32	0.22	0.07	0.28	2.69	0.00	0.00	0.00	0.01	19.63	3.92
710.	93.59	93.31	19.34	652.81	0.23	0.07	0.28	1.83	0.00	0.00	0.00	0.01	19.63	2.94
715.	102.34	93.24	29.56	652.81	0.22	0.06	0.27	-0.23	0.00	0.00	0.00	0.01	19.70	3.53
720.	91.81	92.67	40.05	652.81	0.22	0.06	0.27	-0.57	0.00	0.00	0.00	0.01	19.73	3.10

TIME	28	29	30	31	32	33	34	35	36	37	38	39	40	41
725.	89.98	90.62	50.27	630.83	0.21	0.06	0.26	-0.80	0.00	0.00	0.00	0.01	19.77	5.37
730.	90.09	89.26	59.53	630.83	0.21	0.06	0.26	-0.84	0.00	0.00	0.00	0.01	19.83	3.65
735.	90.31	91.33	69.74	608.85	0.20	0.06	0.26	-0.79	0.00	0.00	0.00	0.01	19.97	3.49
740.	90.57	91.00	10.11	734.13	0.20	0.06	0.25	2.50	0.00	0.00	0.00	0.01	19.90	4.66
745.	91.90	89.59	19.34	652.81	0.19	0.06	0.25	1.63	0.00	0.00	0.00	0.01	20.01	3.13
750.	88.69	87.74	29.56	586.07	0.19	0.05	0.24	-0.12	0.00	0.00	0.00	0.01	19.99	3.67
755.	93.50	88.62	40.05	608.85	0.19	0.06	0.24	-0.48	0.00	0.00	0.00	0.01	19.99	3.23
760.	85.12	85.38	50.26	586.87	0.18	0.06	0.24	-0.62	0.00	0.00	0.00	0.01	20.05	3.37
765.	81.93	81.07	59.53	630.83	0.19	0.06	0.24	-0.79	0.00	0.00	0.00	0.01	19.99	3.05
770.	83.38	79.40	69.74	652.81	0.17	0.06	0.23	-0.79	0.00	0.00	0.00	0.01	20.04	2.45
775.	79.31	79.55	10.11	727.54	0.18	0.06	0.23	2.36	0.00	0.00	0.00	0.01	20.00	3.33
780.	82.14	81.74	19.35	630.83	0.18	0.06	0.22	1.60	0.00	0.00	0.00	0.01	20.00	3.07
785.	79.86	80.43	29.56	608.85	0.17	0.05	0.23	0.20	0.00	0.00	0.00	0.01	20.07	2.76
790.	78.36	81.14	40.06	674.79	0.16	0.06	0.22	-0.54	0.00	0.00	0.00	0.01	20.03	4.16
795.	78.83	80.79	50.27	652.81	0.17	0.06	0.23	-0.73	0.00	0.00	0.00	0.01	20.07	2.40
800.	79.76	79.55	59.53	630.83	0.18	0.06	0.22	-0.76	0.00	0.00	0.00	0.01	20.13	2.77
805.	78.29	79.67	69.75	630.83	0.17	0.06	0.22	-0.79	0.00	0.00	0.00	0.01	20.14	4.45
810.	79.43	79.86	10.11	712.15	0.16	0.06	0.21	2.21	0.00	0.00	0.00	0.01	20.02	1.75
815.	81.57	77.95	19.34	630.83	0.17	0.06	0.21	1.44	0.00	0.00	0.00	0.01	19.99	3.39
820.	81.76	78.73	29.56	608.85	0.15	0.06	0.21	0.63	0.00	0.00	0.00	0.01	20.05	2.80
825.	79.98	78.19	40.05	608.85	0.15	0.06	0.21	-0.51	0.00	0.00	0.00	0.01	20.03	2.32
830.	79.09	78.29	50.27	608.85	0.15	0.06	0.20	-0.70	0.00	0.00	0.00	0.01	20.09	2.50
835.	77.95	79.10	59.53	652.81	0.16	0.05	0.20	-0.80	0.00	0.00	0.00	0.01	20.09	3.19

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TIME      42       43       44       45       46       47       48
  0.    -0.25     0.21     0.25    -0.26     0.08     0.00     0.00
  0.     0.03     0.21    -0.30    -0.09     0.49     0.00     0.00
  0.     0.28    -0.42     0.20     0.01     0.02     0.00     0.00
  0.     0.18    -0.06    -0.04    -0.12    -0.28     0.00     0.00
  0.     0.01    -0.17     0.07     0.16    -0.11     0.00     0.00
  0.    -0.26     0.24    -0.19     0.28    -0.21     0.00     0.00
  5.    -1.19     1.25    -0.45     0.01    -0.22     0.00     5.00
 10.     0.28    -0.02     0.64    -1.52     1.17     0.00    10.00
 15.     1.86     0.36    -0.57    -0.46    -1.53     0.00    15.00
 20.     2.36     0.31     0.25     0.11    -0.89     0.01    20.00
 25.     0.68     1.77    -1.58    -1.13     2.89     0.00    25.00
 30.     4.43     2.73    -1.81     1.84    -3.60     0.00    30.00
 35.     4.48     1.15     1.49    -1.63     0.14     0.01    35.00
 40.     5.75    -0.79    -0.63     0.37     0.53     0.46    40.00
 45.    10.34     3.22     0.74     0.27     3.21     1.14    45.00
 50.     3.61     6.62    -1.46    -0.97     0.59     2.06    50.00
 55.     4.30     3.78    -1.22     0.69    -0.40     3.52    55.00
 60.     5.15     1.67     0.43     2.13    -4.34     4.73    60.00
 65.     8.57     4.01    -0.95    -1.66    -0.12     6.00    65.00
 70.     6.74     1.92     1.91    -1.86    -2.86     6.70    70.00
 75.     9.37     0.76     2.23    -2.06    -0.73     7.18    75.00
 80.     8.46     3.60     1.68    -0.88    -4.41     7.44    80.00
 85.     4.31     2.87     0.82    -2.37    -1.58     7.75    85.00
 90.     5.05     5.57     1.33    -1.63    -1.57     7.76    90.00
 95.     5.60     2.53     2.14    -4.44    -2.18     8.09    95.00
100.     5.69     4.09     1.15    -1.50    -3.66     8.12   100.00
105.     6.96     2.24     0.07    -1.61    -2.25     8.47   105.00
110.     6.04     3.14    -1.23    -0.40    -2.27     9.63   110.00
115.     6.96     5.51     0.07    -2.42    -2.34     7.97   115.00
120.    10.49     1.56     0.73    -2.25    -1.93     7.58   120.00
125.     8.69     4.66    -0.59    -1.73    -5.38     8.00   125.00
130.     7.26     2.17    -1.26    -0.49    -3.70     7.74   130.00
135.     8.35     2.18     0.57     2.33    -7.91     7.65   135.00
140.     8.27     0.81    -1.03    -2.28    -1.66     7.80   140.00
145.     6.74     4.66    -1.93    -1.84    -3.12     7.69   145.00
150.     9.00     4.15    -1.34    -2.69    -4.17     7.48   150.00
155.     6.49     2.62     1.32    -0.68    -3.56     7.30   155.00
160.     8.40     0.71     0.80    -1.38    -4.05     7.18   160.00
165.     6.09     6.23    -0.43    -3.89    -3.86     7.13   165.00
170.     6.93     5.32     1.10    -3.85     1.01     6.97   170.00
175.     5.37     6.88    -0.59    -1.01    -0.99     6.95   175.00
180.     6.94     4.98    -0.94    -2.20     0.40     7.03   180.00
185.     7.05     5.96    -0.08     0.09    -2.57     6.62   185.00
190.     3.94     4.59     1.15    -4.09     1.34     7.01   190.00
195.     7.20     3.49    -0.67    -2.86    -2.47     7.27   195.00
200.     5.02     3.53     0.57    -1.65     0.49     7.22   200.00
205.     5.54     2.86    -0.34    -0.24    -2.48     6.82   205.00
210.     7.66     3.35    -1.08    -0.62    -2.72     7.28   210.00
215.     8.93     4.79    -0.44    -3.88    -0.22     6.09   215.00
220.     7.54     4.38     0.39    -0.89    -0.27     6.77   220.00
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TIME       42       43       44       45       46       47       48
 225.     8.24     3.14    -0.47    -0.65    -3.19     6.72   225.00
 230.     4.36     4.72     0.55    -3.93     0.33     6.64   230.00
 235.     4.79     5.40     1.61    -1.86    -2.80     6.67   235.00
 240.     9.26     3.41    -0.39    -1.17    -4.02     6.38   240.00
 245.     6.92     1.25     2.01     1.10    -3.54     6.02   245.00
 250.     5.31     5.12    -2.74    -0.15    -1.61     6.48   250.00
 255.     6.76     4.08     1.51    -0.97    -2.80     6.54   255.00
 260.     5.61     3.70    -1.61    -1.03    -1.34     6.38   260.00
 265.    10.63     1.64     1.56     0.54    -1.66     6.37   265.00
 270.     4.89     2.52     2.38     0.33    -0.05     6.51   270.00
 275.     7.08     5.99     1.75     0.30    -2.67     6.81   275.00
 280.     8.11     3.64     0.49    -2.65    -2.02     6.79   280.00
 285.     9.58     3.21    -2.24    -0.53     0.15     6.78   285.00
 290.    10.07     2.86    -1.72    -1.91    -0.71     6.46   290.00
 295.     6.66     3.25    -1.07    -4.04     0.28     6.39   295.00
 300.     8.42     0.14     2.21    -3.19    -1.15     6.26   300.00
 305.     6.70     2.27    -1.03    -1.08    -1.60     6.54   305.00
 310.     5.83     1.18     2.96    -1.45     0.13     6.26   310.00
 315.     5.93     3.77     0.88    -1.94    -4.12     5.83   315.00
 320.     8.63     5.63    -2.36     0.58    -4.06     6.33   320.00
 325.     9.42     3.24    -0.40    -0.93    -0.99     6.43   325.00
 330.     5.28     2.27     1.06    -2.79    -2.60     6.11   330.00
 335.     7.54     0.82     2.96    -3.19    -1.72     6.09   335.00
 340.     5.28     5.73    -1.09    -3.67    -4.38     5.80   340.00
 345.     4.32     2.21     1.97    -4.06    -1.45     5.76   345.00
 350.     5.35     4.82    -0.03    -1.53    -4.08     5.93   350.00
 355.     5.12     4.11    -0.48     0.74    -3.90     5.45   355.00
 360.    11.44     1.32    -0.41    -1.41    -5.73     5.78   360.00
 365.     6.64     4.10    -1.33    -1.79    -7.01     5.23   365.00
 370.     6.19     2.18    -0.05    -0.26    -3.21     5.03   370.00
 375.     5.74     3.84    -1.32    -1.93    -0.03     5.38   375.00
 380.     3.73     5.22    -0.61     0.35    -2.96     5.11   380.00
 385.     7.94     4.19    -0.16     0.91    -1.74     5.36   385.00
 390.     4.93     4.18     0.23    -3.66    -1.78     5.14   390.00
 395.     7.31     3.23     0.83    -1.84    -4.59     4.91   395.00
 400.    10.61     0.33    -0.43    -1.39    -3.31     4.55   400.00
 405.     5.51     4.23     0.04    -1.02    -2.50     4.43   405.00
 410.     7.93     3.09    -1.84    -1.74    -2.32     4.28   410.00
 415.     6.74     1.19     0.12    -1.52    -2.60     4.16   415.00
 420.     7.21     1.42     1.15    -3.06    -0.88     4.04   420.00
 425.     6.86     2.37     0.91    -0.88    -2.93     4.01   425.00
 430.     6.55     2.37    -0.35    -2.05    -1.06     3.80   430.00
 435.     4.74     5.31    -0.45    -1.13    -1.70     3.63   435.00
 440.     5.85     1.56     0.22    -0.66    -1.06     3.42   440.00
 445.     5.01     1.97     1.60    -3.09    -0.96     3.25   445.00
 450.     4.93     2.73    -0.13    -1.35    -2.08     3.13   450.00
 455.     5.08     2.78    -0.83    -0.25    -2.06     3.00   455.00
 460.     6.22     2.01    -0.09    -1.29    -2.19     2.93   460.00
 465.     5.11     2.14    -1.31    -0.59    -2.35     2.84   465.00
 470.     3.41     2.38     0.52    -0.75    -2.51     2.72   470.00
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TIME        42      43      44      45      46       47      48
 475.      6.10    1.20   -0.75   -0.13   -2.77     2.54   475.00
 480.      3.51    3.06    0.35   -0.56   -3.25     2.49   480.00
 485.      5.03    1.57    1.12   -2.99    1.00     2.37   485.00
 490.      4.84    2.07   -1.53   -1.19   -2.53     2.31   490.00
 495.      5.86    1.84   -1.69    0.60   -3.09     2.19   495.00
 500.      3.70    1.15    1.87   -2.65   -1.11     2.04   500.00
 505.      6.17    3.11   -1.55   -1.39    0.03     1.94   505.00
 510.      4.81    3.42   -1.55   -1.43   -1.00     1.89   510.00
 515.      6.12    0.36    0.28   -1.51   -2.38     1.78   515.00
 520.      4.55   -0.10    0.89   -2.35   -1.12     1.67   520.00
 525.      4.95    2.09   -0.11   -0.92   -0.76     1.63   525.00
 530.      5.04    0.47    1.70   -2.93   -0.93     1.52   530.00
 535.      5.59    1.48    0.29   -1.73   -0.32     1.49   535.00
 540.      5.31    2.03   -0.13   -1.96   -0.82     1.40   540.00
 545.      4.91    1.42    0.20   -0.29   -2.61     1.39   545.00
 550.      4.42    2.73   -1.04   -0.63   -1.49     1.32   550.00
 555.      2.90    2.97   -0.84   -1.27   -1.37     1.27   555.00
 560.      5.06    1.13    0.17   -0.25   -2.88     1.20   560.00
 565.      2.35    3.72   -1.06   -0.46   -1.08     1.18   565.00
 570.      4.90    1.40   -0.10   -0.93   -2.09     1.11   570.00
 575.      5.75    0.37    0.67   -1.41   -1.95     1.06   575.00
 580.      4.57   -0.12    1.35   -2.61   -1.18     0.99   580.00
 585.      3.74    2.36   -0.87   -0.08   -2.47     0.94   585.00
 590.      5.27    1.68   -1.14    0.02   -1.95     0.87   590.00
 595.      3.93    0.87    1.60   -1.97   -1.27     0.88   595.00
 600.      4.27    1.77   -0.49   -0.30   -2.59     0.84   600.00
 605.      4.58    1.88   -0.97   -0.37   -2.37     0.80   605.00
 610.      4.05    0.44    0.63   -1.89   -1.08     0.75   610.00
 615.      3.42    1.92   -0.15   -1.32   -0.92     0.70   615.00
 620.      4.28    1.71   -1.05   -0.73   -1.64     0.67   620.00
 625.      2.74    2.92   -1.43    1.06   -2.51     0.62   625.00
 630.      4.82    0.10    1.01   -1.50   -0.85     0.62   630.00
 635.      3.85    1.13    0.00   -0.59   -1.56     0.56   635.00
 640.      3.51    1.13    0.14   -0.89   -1.82     0.53   640.00
 645.      3.79    0.86   -0.07   -0.32   -1.34     0.50   645.00
 650.      5.90    1.68    0.24   -1.35   -1.00     0.50   650.00
 655.      4.83    0.78    0.36   -1.84   -0.02     0.49   655.00
 660.      4.31    1.64   -1.65   -1.52   -4.50     0.49   660.00
 665.      4.30    2.18   -0.60    0.98   -2.98     0.47   665.00
 670.      5.37    2.32   -1.14   -0.18   -1.90     0.43   670.00
 675.      5.27    3.04   -1.56   -1.18   -2.31     0.40   675.00
 680.      3.92    1.31   -1.09   -1.86   -2.47     0.39   680.00
 685.      2.76    1.32    0.15   -0.72   -1.44     0.34   685.00
 690.      3.48    0.85    0.03   -0.82   -1.96     0.31   690.00
 695.      2.03    2.30   -0.54   -0.43   -1.12     0.28   695.00
 700.      3.37    0.71    0.76   -1.64   -1.19     0.26   700.00
 705.      2.41    2.45   -1.52    0.34   -2.12     0.24   705.00
 710.      3.33    0.98    0.21   -1.17   -1.57     0.23   710.00
 715.      2.80    1.23   -0.37   -0.53   -1.79     0.21   715.00
 720.      2.61    1.30    0.81   -2.11   -1.74     0.21   720.00
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 735.      2.71      0.86      0.16     -1.04     -0.05      0.15    735.00
 740.      1.83      1.46      0.14     -1.23      0.23      0.14    740.00
 745.      2.50      0.03      1.62     -1.43     -1.41      0.10    745.00
 750.      3.47     -0.14      0.12     -0.63     -1.35      0.11    750.00
 755.      2.83      1.43     -1.06     -1.94     -1.72      0.13    755.00
 760.      2.30      0.54     -0.21      0.46     -2.43      0.09    760.00
 765.      3.34      0.39     -0.22     -0.24     -2.14      0.10    765.00
 770.      2.95      0.73      0.25     -1.08     -1.34      0.09    770.00
 775.      2.07      1.67     -0.80     -0.57     -1.08      0.09    775.00
 780.      2.57      0.84      0.01     -1.50      0.03      0.08    780.00
 785.      2.34      0.96     -0.36     -0.33     -1.54      0.07    785.00
 790.      1.25      1.61     -0.43     -0.32     -1.41      0.10    790.00
 795.      3.23      0.69      0.06     -1.19     -0.95      0.07    795.00
 800.      2.56      1.36     -0.50     -1.06     -1.37      0.03    800.00
 805.      1.78      1.13     -0.74      0.38     -1.76      0.05    805.00
 810.      2.26      0.72      0.17     -1.39     -0.90      0.09    810.00
 815.      1.55      0.96      0.18     -0.57     -1.61      0.08    815.00
 820.      5.14      0.37      0.04     -0.72     -1.25      0.04    820.00
 825.      6.00      1.18     -0.73     -1.71     -3.15      0.06    825.00
 830.      2.71     -0.10      0.83     -0.78     -1.98      0.04    830.00
 835.      1.70      0.11     -0.23      0.01     -1.35      0.05    835.00
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PRC16-P-3-1/4                                                                        PAGE     1
TIME       0         1         2         3         4         5         6         7         8         9        10        11        12        13
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   0.    27.88    178.02     25.47     23.63     23.57     23.07     22.75     31.00     30.22     29.73     29.57     28.52     27.65     27.17
   0.    27.88    150.32     25.47     23.70     23.25     22.60     22.45     31.05     30.22     29.73     29.50     20.25     27.50     27.15
   0.    27.90     -6.44     25.50     23.67     23.45     22.75     22.63     31.07     30.19     29.83     29.52     28.13     27.47     26.97
   0.    27.75     70.41     25.52     23.63     23.15     22.50     22.60     31.07     30.27     29.76     29.55     28.17     27.32     26.90
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   5.    29.32    -35.67     27.25     24.32     22.82     22.70     22.00     32.54     35.19     32.32     29.90     29.37     29.67     28.92
  10.    32.44    -33.08     32.51     23.95     22.97     23.32     23.00     34.93     40.54     36.76     37.63     38.61     36.45     33.44
  15.    43.46     39.73     36.15     23.97     23.87     23.97     23.87     36.71     44.22     41.98     41.54     41.12     39.41     35.83
  20.    46.39     92.59     28.07     24.17     23.82     23.92     23.80     37.93     46.05     44.34     43.71     45.12     45.22     40.15
  25.    57.71    120.07     40.19     24.10     23.45     23.70     23.85     42.22     55.66     48.68     47.39     50.95     52.83     46.93
  30.    75.73    124.39     42.71     24.35     23.40     23.65     23.15     45.44     67.81     60.64     61.62     67.74     67.69     64.31
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  40.   140.72     15.00     77.32     27.63     23.40     23.50     22.65     75.76    137.60    113.61    106.66    118.00    121.46    110.24
  45.   188.82    109.49    120.12     26.38     23.82     22.95     22.75     83.52    174.47    157.85    159.07    172.00    174.97    164.95
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  55.   258.12    232.10    199.37     54.85     22.42     22.60     22.75    149.22    269.15    252.63    256.98    264.54    265.27    248.56
  60.   283.10    242.85    199.75     35.19     22.88     22.05     22.52    183.37    311.95    295.93    295.19    291.55    293.74    293.58
  65.   311.48    283.93    246.98     54.61     22.40     22.57     22.52    221.30    364.36    342.67    347.07    345.32    342.76    317.64
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  75.   346.10    271.73    259.95     86.50     22.82     22.70     22.67    304.07    459.77    432.86    410.00    392.14    363.26    357.07
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 115.   393.33    410.70    328.09    153.02     24.40     23.92     23.80    478.84    604.05    565.81    550.00    527.21    494.19    478.84
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PRC16-P-3-1/4                                                                PAGE     2
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 245.   492.79     516.67     422.62     229.12     27.00      25.67      24.45    686.43    740.00    720.71    710.71    691.67    664.76    634.52
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 380.   548.60     512.38     452.38     192.90     28.80      31.49      24.95    654.52    664.42    671.67    665.48    655.95    639.76    630.71
 385.   544.19     513.57     437.38     192.92     29.15      31.41      25.17    647.62    672.38    661.67    655.49    645.71    632.62    623.81
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 410.   520.23     467.67     424.29     171.57     29.93      30.76      24.63    609.28    620.57    604.88    613.33    604.52    592.14    565.12
 415.   515.35     464.65     425.24     121.73     29.83      31.10      25.13    598.04    605.10    611.19    605.24    593.95    587.62    563.49
 420.   521.90     454.88     422.86     101.93     29.80      31.30      24.63    583.02    613.33    606.19    588.37    592.09    585.24    560.23
 425.   517.14     459.53     407.86      89.95     29.72      30.76      24.85    589.76    606.90    586.05    580.00    595.95    562.32    552.79
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PRC16-P-3-1/4                                                          PAGE    3
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 645.  305.56   275.32   181.95    44.39    28.40    27.25    26.80   340.02   325.48   321.86   318.40   312.29   311.51   309.02
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PRC16-P-3-1/4                                                                         PAGE     4
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 765.    236.34    187.88    123.63     36.88     25.17     25.40     25.40    280.93    271.27    265.44    258.15    242.03    229.90    223.77
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PRC16-P-3-1/4                                                        PAGE     5
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  10.    32.90    32.34    29.92    28.72    28.00    27.67    26.65    26.57    26.25    27.88    32.41    26.42    26.02    25.90
  15.    36.73    36.10    32.73    29.93    28.42    27.97    26.77    26.60    26.52    28.17    33.27    26.47    26.40    25.90
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PRC16-P-3-1/4                                                        PAGE      6
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 270.  584.42  540.93  521.43  476.28  430.24  329.07  252.37  225.65  204.63  285.88  667.21  163.65  198.80  125.68
 275.  587.44  545.81  519.77  495.95  432.79  361.43  263.61  227.10  197.65  278.27  667.67  157.50  197.60  126.34
 280.  582.32  551.63  520.46  479.07  431.39  365.24  261.76  230.97  201.73  274.90  664.19  158.00  202.38  127.63
 285.  588.60  554.65  524.88  500.00  438.60  343.61  256.41  232.30  205.00  272.51  684.28  164.62  199.07  133.68
 290.  606.19  553.49  526.51  497.86  438.14  351.69  249.34  228.66  199.65  285.88  685.95  168.47  199.95  135.08
 295.  585.12  550.23  520.46  497.86  455.71  357.98  254.03  232.05  202.52  275.02  688.09  177.75  208.51  136.63
 300.  586.51  549.30  517.44  492.14  439.76  361.72  259.05  234.78  204.32  271.88  667.21  180.37  220.77  140.22
 305.  583.72  549.77  520.93  498.09  432.79  329.50  256.17  235.58  205.29  282.34  686.19  173.40  201.39  142.45
 310.  582.56  549.30  521.39  494.05  435.35  355.71  255.51  234.85  205.29  271.98  685.24  174.35  216.17  143.27
 315.  604.52  553.49  522.79  497.38  440.46  354.05  251.02  241.37  199.95  266.37  667.91  173.92  202.60  143.12
 320.  603.49  568.60  545.00  501.19  437.21  382.38  269.83  244.68  195.55  266.10  684.20  172.42  194.40  141.42
 325.  610.00  562.09  527.21  499.05  455.24  381.90  260.24  242.34  205.54  285.51  665.35  175.77  219.67  141.07
 330.  604.42  590.00  546.90  494.42  454.76  369.52  253.51  244.29  199.55  266.44  661.39  170.38  197.22  143.63
 335.  604.88  582.32  543.72  492.32  436.43  346.52  262.17  232.56  201.24  271.24  660.93  173.25  197.42  145.80
 340.  610.00  565.12  544.52  499.76  453.33  351.17  268.15  236.73  199.00  278.05  662.56  160.57  201.25  148.40
 345.  600.23  562.56  543.81  493.72  452.62  362.56  259.44  237.46  184.70  278.71  659.07  169.20  198.35  151.02
 350.  611.43  583.81  541.86  512.14  456.05  364.93  271.34  239.71  205.00  284.24  659.77  180.92  208.07  154.07
 355.  609.07  589.05  543.26  518.33  437.67  363.14  261.22  242.29  227.60  279.41  658.37  190.02  231.90  157.22
 360.  606.43  566.74  550.40  495.12  452.62  350.83  259.39  247.93  187.55  277.39  673.57  172.42  187.27  160.57
 365.  599.77  588.33  546.51  498.37  440.46  346.79  259.49  254.15  179.27  295.19  670.24  160.52  194.55  163.77
 370.  609.52  565.58  545.71  490.70  433.26  344.24  251.44  247.56  179.65  284.00  665.00  179.35  197.40  166.00
 375.  609.52  559.30  526.28  495.95  430.24  363.81  250.49  244.00  172.17  284.58  660.95  173.05  189.32  169.95
 380.  610.00  568.84  546.67  492.14  405.81  332.59  245.45  245.02  169.72  278.76  655.49  172.22  184.77  172.83
 385.  608.33  568.84  545.48  490.81  400.69  345.29  256.66  248.71  179.77  272.76  649.76  173.10  188.75  175.67
 390.  590.24  552.56  524.65  473.95  407.67  341.33  246.12  236.24  176.42  283.37  642.62  164.00  184.02  178.25
 395.  559.53  547.38  513.49  472.32  391.90  311.29  230.76  236.44  169.07  282.22  635.00  160.40  182.50  180.67
 400.  564.88  552.38  511.16  464.65  402.32  315.24  244.93  233.90  167.02  279.27  631.43  166.37  175.27  182.95
 405.  558.60  544.28  516.43  465.12  393.09  317.07  237.61  234.02  168.55  273.17  625.71  155.47  182.72  185.10
 410.  544.88  523.72  497.44  460.00  369.07  311.03  230.00  230.22  163.95  271.78  601.63  164.27  176.77  187.07
 415.  545.81  523.25  495.12  450.93  393.57  322.55  236.29  230.27  169.47  279.83  609.52  160.50  170.72  189.02
 420.  545.35  522.09  497.21  452.09  396.43  313.90  237.51  233.37  163.77  263.95  587.21  150.92  176.30  190.72
 425.  546.43  513.95  497.62  454.28  393.33  316.37  232.70  224.80  159.45  260.10  580.93  158.08  164.35  192.30
 430.  543.57  521.90  495.71  439.53  363.02  292.12  221.63  227.15  160.02  261.90  587.14  156.20  168.07  193.67
 435.  524.88  520.24  496.90  437.67  365.01  297.24  222.02  223.00  159.25  251.85  567.21  151.07  170.65  194.97
 440.  513.95  494.88  469.53  431.16  365.35  314.43  225.35  223.32  152.15  248.61  559.53  147.65  161.72  196.10
 445.  520.71  492.32  465.35  431.19  360.03  295.59  216.00  221.52  159.52  244.71  552.09  167.02  177.12  197.15
 450.  512.14  494.28  461.86  426.67  346.09  290.02  207.12  223.55  149.45  244.85  543.72  142.70  158.62  197.97
 455.  501.67  474.42  452.09  407.67  343.10  279.05  207.19  220.65  140.05  236.68  549.05  144.45  145.97  198.00
 460.  495.00  470.70  457.14  407.44  341.06  294.44  215.22  207.24  137.77  233.25  526.90  145.02  153.95  199.45
 465.  475.81  457.44  433.26  403.81  347.37  287.27  202.41  200.97  136.00  231.83  519.77  140.52  140.02  199.92
 470.  472.32  455.35  438.09  400.95  329.21  259.54  198.58  200.35  130.00  228.93  512.79  141.60  150.15  200.38
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TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
475.	462.79	456.19	433.09	396.43	324.98	267.24	198.38	200.65	139.42	232.27	517.38	141.75	153.85	200.67
480.	456.28	452.86	424.05	390.95	321.74	261.27	198.30	192.25	139.63	229.80	496.90	130.95	150.57	200.90
485.	451.63	437.91	422.86	384.05	317.88	247.34	191.15	193.25	136.02	228.61	500.95	126.70	144.30	201.02
490.	451.90	437.38	407.44	371.39	313.24	256.05	190.82	190.55	138.65	229.17	493.33	135.45	145.63	201.05
495.	432.79	429.05	402.09	366.74	314.86	243.44	188.55	190.57	140.65	225.35	474.88	137.25	149.50	200.92
500.	437.62	423.81	404.29	367.62	303.41	249.12	187.65	189.38	126.37	216.20	468.14	129.12	150.63	200.70
505.	433.57	410.93	398.09	365.49	295.29	240.44	176.70	179.35	138.30	205.32	460.70	127.76	153.92	200.50
510.	429.05	406.98	395.48	360.48	293.98	230.60	178.17	175.30	128.15	203.00	454.80	124.68	144.10	200.00
515.	424.83	401.00	392.07	356.64	313.98	242.88	182.40	174.52	126.07	214.95	459.28	141.60	139.52	199.65
520.	408.91	405.36	384.09	351.09	291.22	230.20	175.47	176.97	129.34	207.39	453.02	121.27	143.97	199.13
525.	402.42	403.17	381.07	346.79	289.07	229.57	167.67	165.47	135.40	201.78	436.35	117.15	145.95	198.52
530.	409.83	397.67	371.49	341.00	267.39	215.05	168.05	167.32	133.82	193.07	449.55	120.76	139.70	198.02
535.	406.40	396.12	370.77	346.56	274.39	221.32	167.42	175.77	126.24	199.62	434.64	110.51	129.10	197.40
540.	396.17	385.90	368.26	342.00	289.76	230.75	166.50	159.80	118.10	191.65	420.95	110.54	127.07	196.70
545.	392.43	380.55	364.00	327.57	268.46	222.80	161.22	156.60	123.00	180.25	422.76	122.63	134.00	195.97
550.	388.24	369.74	360.09	322.12	264.27	215.75	162.90	168.80	121.41	183.17	407.84	116.00	126.95	195.07
555.	383.86	366.28	357.95	317.43	255.66	204.58	165.22	163.37	115.58	185.95	402.51	112.76	117.61	194.25
560.	368.44	366.95	349.55	316.37	267.00	206.05	155.88	156.92	119.44	173.57	407.24	112.29	129.49	193.37
565.	369.36	358.00	344.45	310.41	255.17	197.25	150.57	158.13	126.34	172.72	402.31	110.58	136.49	192.33
570.	366.79	355.76	342.29	306.76	245.00	190.17	147.05	151.77	122.88	177.20	397.38	113.46	122.93	191.32
575.	359.00	349.33	344.27	301.83	244.17	201.63	148.37	146.40	117.90	180.50	392.83	110.95	130.00	190.30
580.	352.95	343.67	330.36	293.59	244.07	184.08	142.60	149.42	119.22	169.22	387.93	114.44	136.63	189.22
585.	348.24	347.12	326.29	296.39	230.24	178.55	143.07	149.82	113.00	163.20	383.24	109.39	120.98	188.15
590.	344.12	341.63	320.86	289.05	238.56	174.52	141.85	144.22	117.56	170.82	370.23	96.17	125.29	186.97
595.	345.39	328.31	315.59	281.88	230.20	193.85	138.25	133.92	110.44	165.40	365.46	104.76	117.32	185.60
600.	342.19	323.98	317.34	280.80	214.00	171.20	134.15	129.56	107.46	163.72	369.80	103.02	109.73	184.50
605.	328.14	318.31	315.41	276.05	220.25	175.00	134.22	139.25	114.90	158.75	365.93	95.02	117.39	183.27
610.	324.17	316.98	310.07	270.83	231.13	180.72	149.15	137.67	102.17	151.99	361.95	101.71	109.49	182.07
615.	319.90	317.51	303.78	269.22	215.30	182.80	128.66	134.97	110.88	150.63	358.17	95.19	114.00	180.87
620.	316.48	315.49	293.17	259.46	213.55	169.82	127.90	127.70	112.12	156.05	354.45	95.55	113.00	179.67
625.	311.79	309.66	291.29	256.10	214.25	174.13	125.83	134.07	108.90	151.38	351.12	96.64	110.85	178.40
630.	316.02	306.46	289.98	251.78	201.66	157.15	122.32	125.80	109.93	145.57	347.64	96.83	111.61	177.12
635.	305.12	297.66	281.00	246.05	207.66	161.45	123.27	119.71	104.66	141.40	343.90	94.55	110.10	175.62
640.	301.61	295.29	281.10	245.68	198.56	149.63	119.63	119.12	104.12	144.85	341.00	101.41	108.83	174.57
645.	293.24	290.39	271.88	245.27	202.57	158.15	119.44	119.37	102.73	148.30	345.85	92.43	106.05	173.30
650.	294.22	284.56	271.27	240.58	195.90	147.38	119.10	115.24	101.54	137.80	342.76	89.57	102.15	171.66
655.	288.66	281.44	263.90	237.54	193.42	158.42	115.61	112.63	95.76	126.71	339.51	87.52	96.81	170.50
660.	283.05	272.39	260.05	233.61	199.35	152.17	111.05	111.49	100.37	129.10	328.33	79.21	94.36	169.13
665.	281.37	269.41	255.54	232.38	189.05	148.40	111.51	110.58	96.33	127.66	325.40	87.48	102.02	167.82
670.	274.63	266.58	251.24	226.63	194.22	149.10	111.95	108.02	91.76	127.19	322.67	83.40	93.58	166.40
675.	270.22	260.85	245.00	226.90	192.12	154.50	108.12	106.41	92.59	134.80	319.40	89.24	95.43	165.00
680.	266.27	255.76	239.73	221.75	181.40	138.63	107.19	109.24	92.57	128.85	316.76	87.31	101.90	163.57
685.	261.07	248.00	240.10	218.00	178.30	133.88	107.51	104.19	89.07	124.46	314.05	81.12	86.36	162.20
690.	254.07	247.88	234.98	215.05	172.82	127.73	105.10	109.39	92.50	121.51	311.24	79.71	95.29	160.92
695.	247.56	240.34	231.56	214.65	166.95	138.20	105.85	104.61	89.95	117.46	316.61	82.05	90.81	159.57
700.	248.73	241.49	233.05	206.93	164.02	141.52	105.76	103.49	91.83	120.54	314.19	76.44	89.21	158.35
705.	242.71	235.51	229.82	205.61	168.52	129.54	101.46	102.95	88.43	113.78	311.68	85.40	88.64	157.05
710.	239.68	228.73	224.52	200.76	162.22	137.77	101.76	101.29	89.67	115.49	309.24	70.36	88.76	155.85
715.	237.73	229.95	223.35	202.17	159.15	121.27	101.44	96.38	85.17	112.71	306.85	83.88	85.29	154.65
720.	234.71	229.02	216.97	201.70	162.07	128.71	102.10	102.07	90.83	108.02	304.58	75.15	87.31	153.50

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PRC16-P-3-1/4                                                                 PAGE    8
TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
 725.   231.49   227.75   215.38   198.32   163.47   127.17   100.12    92.59    87.52   106.61   302.46    76.78    85.29   152.30
 730.   228.56   224.20   215.12   199.40   158.85   126.93    96.14    93.14    86.19   105.24   292.86    79.07    83.49   151.13
 735.   233.37   220.12   199.58   194.70   161.25   126.51    94.67    90.93    85.90   113.78   297.76    82.52    88.52   149.90
 740.   228.95   218.90   200.80   194.80   161.02   122.90    93.62    92.05    86.33   109.63   295.71    75.02    84.90   148.63
 745.   224.37   213.67   201.35   191.37   155.17   120.15    95.36    92.05    79.26   109.59   293.66    78.05    79.21   147.42
 750.   221.67   207.61   200.05   185.70   155.45   120.51    95.02    94.55    84.64   108.59   291.58    75.22    84.76   146.27
 755.   217.60   204.10   198.50   184.40   152.92   114.37    90.95    91.38    84.64   106.34   289.51    73.66    80.31   145.12
 760.   216.90   202.29   192.77   185.67   156.38   123.61    91.45    89.14    81.49   110.66   287.66    79.52    84.14   143.92
 765.   208.05   202.97   193.97   184.38   152.30   114.93    91.71    89.38    82.90   105.73   285.37    77.44    83.55   142.75
 770.   207.05   201.35   190.57   178.70   150.40   109.29    89.62    87.50    82.31   102.68   283.56    76.46    82.02   141.57
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TIME       28        29        30       31         32        33        34        35        36        37        38        39        40        41
   0.     24.97     25.20     19.30  9514.77      0.00     -0.01     -0.02      0.23      0.00      0.00      0.00      0.00     21.00     22.54
   0.     24.97     25.05     29.51  9600.14      0.00     -0.01     -0.02      0.11      0.00      0.00      0.00      0.00     20.99     -4.71
   0.     24.90     25.05     40.02  9600.14      0.00     -0.01     -0.02      0.10      0.00      0.00      0.00      0.00     20.97     -1.24
   0.     24.82     25.07     50.23  9685.52      0.00     -0.02     -0.02      0.12      0.00      0.00      0.00      0.00     20.94     -4.66
   0.     25.07     25.15     59.49  9600.14      0.00     -0.02     -0.02     -0.55      0.00      0.00      0.00      0.00     20.94     -5.09
   0.     24.88     25.10     69.69  9600.14      0.00     -0.01     -0.02     -0.14      0.00      0.00      0.00      0.00     20.91     -6.84
   5.     26.60     26.95     10.08  9600.14      0.00     -0.02     -0.02      0.18      0.00      0.00      0.00      0.01     20.90     -2.90
  10.     28.37     27.85     19.31  9571.70      0.00     -0.01     -0.01      0.49      0.00      0.00      0.00      0.01     20.92     -2.74
  15.     28.15     28.20     29.52  9628.63      0.00     -0.01      0.00      0.48      0.00      0.00      0.00      0.01     20.91     -5.00
  20.     32.58     29.56     40.03  9543.25      0.01     -0.01      0.02     -0.21      0.00      0.00      0.00      0.01     20.89     -3.63
  25.     33.24     32.58     50.23  9600.14      0.02      0.00      0.05     -0.31      0.00      0.00      0.00      0.02     20.79     -2.15
  30.     35.10     36.83     59.48  9600.14      0.04      0.01      0.12     -0.68      0.00      0.00      0.00      0.03     20.67     -0.20
  35.     41.98     40.66     69.70  9543.25      0.09      0.03      0.21     -0.41      0.00      0.00      0.00      0.06     20.53     -2.82
  40.     49.73     50.05     10.09  9543.25      0.15      0.04      0.34      2.44      0.00      0.00      0.00      0.13     20.29      2.74
  45.     73.54     71.15     19.30  9600.14      0.25      0.06      0.53      2.30      0.00      0.00      0.00      0.22     19.90      0.05
  50.     76.58     86.07     29.52  9600.14      0.33      0.08      0.77      1.86      0.00      0.00      0.00      0.35     19.44      7.63
  55.    124.80    125.95     40.03  9600.14      0.47      0.10      1.06     -0.55      0.00      0.00      0.00      0.59     18.79      5.66
  60.    177.70    174.50     50.25  9457.08      0.56      0.11      1.41     -0.86      0.00      0.00      0.00      0.69     17.05      7.12
  65.    185.27    186.13     59.50  9400.94      0.65      0.13      1.96     -1.27      0.00      0.00      0.00      0.81     16.80      7.59
  70.    204.80    198.63     69.71  9372.50      0.74      0.14      2.58     -1.13      0.00      0.00      0.00      0.92     15.66      6.20
  75.    217.85    222.62     10.08  9201.70      0.80      0.15      3.14      4.47      0.00      0.00      0.00      0.94     14.10      5.46
  80.    201.77    214.97     19.32  9144.81      0.83      0.16      3.16      3.74      0.00      0.00      0.00      0.94     13.00      8.37
  85.    235.61    234.24     29.52  9030.95      0.83      0.16      3.39      2.51      0.00      0.00      0.00      1.03     11.73      7.00
  90.    254.58    256.17     40.03  8917.13      0.87      0.18      3.62.    -0.42      0.00      0.00      0.00      1.08     11.14      2.23
  95.    245.83    261.54     50.23  8803.27      0.89      0.18      4.02     -1.27      0.00      0.00      0.00      1.09     10.36     10.16
 100.    271.98    264.78     59.50  8661.00      0.93      0.18      4.04     -1.42      0.00      0.00      0.00      1.13      9.89      4.21
 105.    274.85    283.44     69.71  8575.57      0.95      0.20      4.34     -1.26      0.00      0.00      0.00      1.22      9.25      7.64
 110.    283.90    292.10     10.08  8461.76      1.05      0.21      4.65      4.16      0.00      0.00      0.00      1.30      9.22      3.67
 115.    312.29    308.98     19.32  8433.31      1.10      0.22      4.87      4.36      0.00      0.00      0.00      1.47      8.73      3.71
 120.    313.17    310.64     29.53  8376.38      1.13      0.22      4.80      2.56      0.00      0.00      0.00      1.40      8.35      3.66
 125.    312.22    312.69     40.04  8234.07      1.11      0.22      4.65     -0.49      0.00      0.00      0.00      1.35      8.26      5.27
 130.    316.12    318.62     50.24  8120.25      1.18      0.22      4.81     -1.24      0.00      0.00      0.00      1.43      8.19      9.68
 135.    341.85    340.54     59.49  8034.88      1.27      0.22      5.09     -1.49      0.00      0.00      0.00      1.60      8.46      8.90
 140.    340.32    340.71     69.71  7977.94      1.39      0.21      4.72     -1.27      0.00      0.00      0.00      1.71      8.81      6.33
 145.    345.69    349.38     10.08  7892.56      1.46      0.23      5.16      5.26      0.00      0.00      0.00      1.72      8.70      0.06
 150.    352.71    355.76     19.32  7778.70      1.47      0.23      5.37      4.49      0.00      0.00      0.00      1.83      8.83      7.64
 155.    348.86    359.59     29.52  7721.81      1.52      0.22      4.92      2.96      0.00      0.00      0.00      1.80      8.94     10.45
 160.    356.86    358.79     40.04  7664.88      1.42      0.23      5.25     -0.67      0.00      0.00      0.00      1.80      8.70      7.65
 165.    349.98    355.69     50.24  7551.02      1.53      0.23      5.29     -1.20      0.00      0.00      0.00      1.84      8.90      8.28
 170.    359.48    360.50     59.49  7465.64      1.53      0.22      4.97     -1.60      0.00      0.00      0.00      1.89      9.21      6.80
 175.    342.98    341.81     69.70  7351.82      1.53      0.22      5.08     -1.34      0.00      0.00      0.00      1.90      8.97      8.04
 180.    343.22    346.17     10.08  7266.44      1.65      0.23      5.22      5.45      0.00      0.00      0.00      2.05      9.02      6.64
 185.    363.55    355.98     19.31  7209.51      1.64      0.24      5.42      4.63      0.00      0.00      0.00      2.11      9.49      5.79
 190.    364.52    361.45     29.52  7124.14      1.73      0.25      5.86      3.09      0.00      0.00      0.00      2.17      9.74      6.99
 195.    361.31    348.40     40.03  7010.31      1.82      0.24      5.78     -0.14      0.00      0.00      0.00      2.22      9.78      7.39
 200.    366.56    361.74     50.24  6868.00      1.82      0.25      5.89     -1.20      0.00      0.00      0.00      2.24      8.99      7.23
 205.    364.38    355.52     59.50  6668.76      1.80      0.24      5.78     -1.56      0.00      0.00      0.00      2.26      8.67      9.95
 210.    364.67    355.90     69.71  6554.94      1.84      0.25      6.21     -1.39      0.00      0.00      0.00      2.34      8.88      5.42
 215.    382.90    364.30     10.08  6412.63      1.83      0.24      6.01      5.73      0.00      0.00      0.00      2.24      8.95      4.74
 220.    369.12    366.64     19.31  6355.70      1.96      0.25      6.32      4.70      0.00      0.00      0.00      2.27      9.25      2.96
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PRC16-P-3-1/4                                                                PAGE   10
TIME    28       29       30     31        32      33      34      35      36      37      38      39      40      41
 225.  396.09   370.58   29.52  6213.44   2.06    0.24    6.30    3.34    0.00    0.00    0.00    2.49    9.37   10.26
 230.  401.17   368.63   40.03  6042.64   2.10    0.24    6.28    0.44    0.00    0.00    0.00    2.59    9.56    6.35
 235.  437.72   430.57   50.24  5928.82   2.57    0.25    6.54   -1.15    0.00    0.00    0.00    3.05    9.61    6.23
 240.  424.86   427.93   59.50  5786.51   2.41    0.26    6.86   -1.58    0.00    0.00    0.00    2.87    9.08    9.42
 245.  410.00   406.05   69.70  5587.31   2.21    0.27    7.22   -1.46    0.00    0.00    0.00    2.83    9.65    8.15
 250.  430.45   406.12   10.08  5530.38   2.23    0.27    6.99    5.92    0.00    0.00    0.00    2.84   10.05    9.99
 255.  430.02   429.05   19.31  5331.14   2.29    0.27    7.01    4.65    0.00    0.00    0.00    3.03   10.37    5.51
 260.  434.38   421.26   29.52  5188.87   2.35    0.27    7.07    3.43    0.00    0.00    0.00    2.98   10.15    4.81
 265.  432.26   438.31   40.03  5075.01   2.33    0.26    7.06   -0.76    0.00    0.00    0.00    3.01   10.09    5.55
 270.  432.86   430.52   50.25  4961.19   2.44    0.27    7.05   -1.24    0.00    0.00    0.00    3.08   10.22    5.96
 275.  451.16   452.38   59.50  4904.26   2.49    0.26    6.91   -1.63    0.00    0.00    0.00    3.27   10.52    9.76
 280.  430.07   452.17   69.71  4790.43   2.55    0.25    6.90   -1.51    0.00    0.00    0.00    3.19   10.65    8.55
 285.  455.95   453.33   10.08  4619.64   2.61    0.25    6.74    5.84    0.00    0.00    0.00    3.17   10.10    9.77
 290.  456.90   437.67   19.32  4505.82   2.63    0.25    6.73    4.88    0.00    0.00    0.00    3.21    9.99   11.55
 295.  460.24   450.48   29.52  4448.89   2.60    0.25    6.87    3.03    0.00    0.00    0.00    3.17   10.03    8.62
 300.  454.28   439.07   40.04  4306.57   2.53    0.24    6.59    1.37    0.00    0.00    0.00    3.15   10.29    9.63
 305.  439.56   436.35   50.24  4164.31   2.47    0.24    6.64   -1.27    0.00    0.00    0.00    3.08   10.51    7.20
 310.  439.70   432.56   59.49  4078.94   2.49    0.24    6.59   -1.53    0.00    0.00    0.00    3.07   10.41    9.85
 315.  459.28   455.48   69.70  3908.14   2.58    0.24    6.65   -1.41    0.00    0.00    0.00    3.07   10.33    8.49
 320.  457.38   452.14   10.08  3765.88   2.70    0.24    6.68    5.94    0.00    0.00    0.00    2.78   10.36    2.01
 325.  172.47   451.93   19.32  3765.88   2.75    0.24    6.69    4.85    0.00    0.00    0.00    1.25   10.44    9.43
 330.  453.25   459.28   29.51  3566.64   2.72    0.25    7.00    3.45    0.00    0.00    0.00    1.05   10.54   10.33
 335.  435.74   451.16   40.03  3401.26   2.69    0.23    6.72   -0.17    0.00    0.00    0.00    1.13   10.73    9.36
 340.  457.14   450.33   50.24  3424.33   2.67    0.23    6.59   -1.25    0.00    0.00    0.00    1.11   10.83   10.09
 345.  460.46   459.30   59.50  3310.51   2.75    0.23    6.50   -1.51    0.00    0.00    0.00    1.16   11.07    7.14
 350.  464.88   462.79   69.71  3282.02   2.85    0.23    6.56   -1.37    0.00    0.00    0.00    1.17   11.10   10.89
 355.  437.95   454.52   10.08  3111.26   2.80    0.22    6.62    6.11    0.00    0.00    0.00    1.08   11.00    4.64
 360.  463.02   461.39   19.31  3054.38   2.75    0.22    6.46    4.97    0.00    0.00    0.00    1.11   11.38    6.22
 365.  453.95   451.63   29.53  2946.65   2.68    0.22    6.40    3.37    0.00    0.00    0.00    1.13   11.85    5.46
 370.  458.14   461.16   40.03  2836.69   2.70    0.21    6.13   -0.49    0.00    0.00    0.00    1.19   11.63    7.65
 375.  428.31   451.76   50.24  2792.74   2.67    0.21    6.16   -1.24    0.00    0.00    0.00    1.09   12.01    9.24
 380.  427.07   438.81   59.50  2602.78   2.58    0.21    5.94   -1.59    0.00    0.00    0.00    1.11   15.13    3.89
 385.  406.28   451.95   69.70  2660.77   2.60    0.20    5.69   -1.39    0.00    0.00    0.00    1.05   15.20    7.73
 390.  434.59   435.44   10.07  2698.18   2.52    0.19    5.40    6.18    0.00    0.00    0.00    1.06   15.35    9.90
 395.  398.12   435.36   19.31  2528.84   2.43    0.19    5.24    4.52    0.00    0.00    0.00    0.98   15.73    9.36
 400.  397.07   409.53   29.52  2484.88   2.37    0.18    5.07    3.04    0.00    0.00    0.00    0.99   15.68    7.56
 405.  405.71   427.07   40.03  2374.92   2.39    0.17    4.94    0.66    0.00    0.00    0.00    1.04   15.60    9.11
 410.  391.95   409.07   50.25  2374.92   2.20    0.16    4.69   -1.24    0.00    0.00    0.00    0.97   15.71    7.65
 415.  407.40   397.21   59.50  2264.97   2.29    0.16    4.57   -1.40    0.00    0.00    0.00    0.96   16.06    6.04
 420.  397.21   403.50   69.70  2220.98   2.23    0.15    4.51   -1.25    0.00    0.00    0.00    1.02   16.37    9.41
 425.  400.45   403.48   10.09  2297.95   2.17    0.15    4.20    5.77    0.00    0.00    0.00    0.98   16.62    6.21
 430.  367.51   405.95   19.32  2133.03   2.09    0.14    4.05    4.38    0.00    0.00    0.00    0.96   16.01    8.57
 435.  370.12   396.62   29.52  2111.02   2.04    0.14    3.94    2.96    0.00    0.00    0.00    0.95   17.06    4.41
 440.  381.45   365.62   40.03  2067.06   2.01    0.13    3.74   -0.60    0.00    0.00    0.00    0.89   17.11    7.56
 445.  365.74   366.93   50.25  2001.10   1.95    0.13    3.61   -1.13    0.00    0.00    0.00    0.92   17.18    4.21
 450.  341.05   368.19   59.50  1957.11   1.87    0.12    3.42   -1.55    0.00    0.00    0.00    0.89   17.34    8.05
 455.  346.43   362.91   69.71  1913.12   1.81    0.12    3.20   -1.40    0.00    0.00    0.00    0.91   17.66    5.80
 460.  357.33   353.59   10.08  1976.91   1.75    0.11    3.17    5.47    0.00    0.00    0.00    0.83   17.81    5.73
 465.  346.55   344.95   19.32  1869.16   1.71    0.11    3.01    4.10    0.00    0.00    0.00    0.83   17.99    3.85
 470.  324.86   344.69   29.53  1803.10   1.66    0.10    2.83    2.45    0.00    0.00    0.00    0.78   18.22    4.13
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TIME	28	29	30	31	32	33	34	35	36	37	38	39	40	41
475.	348.19	342.63	40.04	1781.19	1.60	0.10	2.68	-0.90	0.00	0.00	0.00	0.80	18.39	5.62
480.	321.62	327.17	50.25	1759.20	1.53	0.10	2.61	-1.28	0.00	0.00	0.00	0.76	18.59	8.86
485.	312.37	343.27	59.50	1737.21	1.49	0.09	2.51	-1.50	0.00	0.00	0.00	0.73	18.83	8.80
490.	327.69	318.81	69.71	1693.23	1.44	0.09	2.43	-1.27	0.00	0.00	0.00	0.69	19.01	5.02
495.	308.24	317.31	10.09	1732.81	1.41	0.09	2.30	5.09	0.00	0.00	0.00	0.66	19.10	6.32
500.	297.27	321.93	19.32	1583.28	1.35	0.07	2.22	3.73	0.00	0.00	0.00	0.66	19.29	6.46
505.	293.90	321.93	29.53	1583.28	1.32	0.09	2.17	2.00	0.00	0.00	0.00	0.67	19.32	7.31
510.	313.12	314.88	40.05	1561.29	1.28	0.08	2.06	-0.75	0.00	0.00	0.00	0.67	19.31	5.05
515.	312.66	293.17	50.25	1561.29	1.28	0.08	2.00	-1.08	0.00	0.00	0.00	0.69	19.26	6.45
520.	295.88	292.95	59.49	1517.31	1.23	0.07	1.94	-1.46	0.00	0.00	0.00	0.60	19.22	4.34
525.	284.98	294.51	69.71	1473.33	1.20	0.07	1.87	-1.29	0.00	0.00	0.00	0.58	19.43	5.36
530.	273.24	302.58	10.08	1565.69	1.15	0.06	1.79	4.84	0.00	0.00	0.00	0.62	19.65	5.70
535.	273.63	296.46	19.32	1429.35	1.12	0.06	1.72	3.37	0.00	0.00	0.00	0.61	19.71	6.71
540.	294.02	274.68	29.52	1385.37	1.09	0.06	1.63	2.30	0.00	0.00	0.00	0.57	19.75	3.17
545.	266.83	283.27	40.05	1363.38	1.08	0.06	1.60	-0.70	0.00	0.00	0.00	0.53	19.83	4.03
550.	244.95	282.07	50.25	1407.36	1.04	0.06	1.53	-1.29	0.00	0.00	0.00	0.52	19.89	3.72
555.	258.56	265.78	59.51	1319.40	0.98	0.05	1.48	-1.44	0.00	0.00	0.00	0.50	19.89	4.10
560.	273.32	252.39	69.71	1363.38	0.98	0.05	1.42	-1.27	0.00	0.00	0.00	0.48	19.92	4.15
565.	250.68	255.15	10.09	1413.95	0.93	0.05	1.37	4.43	0.00	0.00	0.00	0.43	19.97	3.77
570.	247.44	254.63	19.32	1297.41	0.90	0.05	1.32	3.54	0.00	0.00	0.00	0.49	20.09	3.21
575.	238.29	247.10	29.53	1341.39	0.88	0.05	1.24	1.72	0.00	0.00	0.00	0.46	20.14	3.73
580.	250.27	243.49	40.04	1297.41	0.85	0.05	1.16	-0.73	0.00	0.00	0.00	0.43	20.14	1.75
585.	236.49	244.44	50.25	1231.44	0.82	0.04	1.14	-1.12	0.00	0.00	0.00	0.46	20.14	2.13
590.	246.07	233.93	59.51	1253.43	0.79	0.04	1.10	-1.46	0.00	0.00	0.00	0.42	20.14	4.55
595.	232.55	239.68	69.71	1187.46	0.77	0.04	1.00	-1.27	0.00	0.00	0.00	0.42	20.14	2.76
600.	217.92	228.29	10.09	1279.82	0.77	0.04	1.06	4.14	0.00	0.60	0.00	0.39	20.14	4.24
605.	232.57	222.27	19.33	1187.46	0.74	0.04	1.01	3.10	0.00	0.00	0.00	0.38	20.15	3.61
610.	224.27	207.56	29.54	1231.44	0.71	0.04	0.98	1.58	0.00	0.00	0.00	0.30	20.17	1.13
615.	217.42	224.40	40.05	1165.47	0.69	0.04	0.96	-0.80	0.00	0.00	0.00	0.36	20.17	3.44
620.	218.00	225.35	50.26	1187.46	0.68	0.04	0.92	-1.10	0.00	0.00	0.00	0.36	20.19	6.28
625.	214.82	216.47	59.51	1165.47	0.66	0.04	0.90	-1.36	0.00	0.00	0.00	0.35	20.18	5.29
630.	203.20	217.45	69.72	1143.48	0.63	0.04	0.87	-1.22	0.00	0.00	0.00	0.35	20.20	2.02
635.	217.57	204.02	10.09	1220.45	0.61	0.04	0.79	3.91	0.00	0.00	0.00	0.34	20.20	0.88
640.	197.30	204.32	19.33	1099.50	0.61	0.04	0.82	2.98	0.00	0.00	0.00	0.33	20.21	2.48
645.	203.00	199.68	29.53	1099.50	0.59	0.03	0.80	1.16	0.00	0.00	0.00	0.31	20.21	0.43
650.	187.47	196.60	40.04	1099.50	0.58	0.03	0.77	-0.61	0.00	0.00	0.00	0.30	20.21	2.92
655.	198.13	198.02	50.25	1077.51	0.55	0.03	0.71	-0.96	0.00	0.00	0.00	0.29	20.22	2.97
660.	199.57	182.45	59.50	1121.49	0.53	0.03	0.73	-1.32	0.00	0.00	0.00	0.28	20.22	1.20
665.	175.82	186.57	69.72	1099.50	0.53	0.03	0.67	-1.14	0.00	0.00	0.00	0.28	20.23	5.59
670.	188.27	178.13	10.09	1163.27	0.50	0.03	0.65	3.63	0.00	0.00	0.00	0.27	20.24	0.20
675.	190.32	175.47	19.32	1055.52	0.49	0.03	0.61	2.71	0.00	0.00	0.00	0.27	20.24	4.26
680.	174.82	184.15	29.53	1121.49	0.49	0.03	0.60	1.06	0.00	0.00	0.00	0.27	20.23	3.50
685.	180.75	176.05	40.04	1099.50	0.48	0.03	0.58	-0.57	0.00	0.00	0.00	0.26	20.22	2.58
690.	166.45	175.70	50.25	1099.50	0.47	0.03	0.63	-1.07	0.00	0.00	0.00	0.25	20.23	3.07
695.	160.07	182.35	59.50	1055.52	0.45	0.03	0.59	-1.28	0.00	0.00	0.00	0.24	20.23	1.66
700.	158.88	173.82	69.71	1033.53	0.44	0.03	0.55	-1.12	0.00	0.00	0.00	0.23	20.23	2.53
705.	162.45	170.55	10.08	1207.25	0.44	0.03	0.58	3.45	0.00	0.00	0.00	0.23	20.24	0.60
710.	159.70	168.88	19.32	1055.52	0.43	0.03	0.57	2.57	0.00	0.60	0.00	0.22	20.24	-0.65
715.	155.20	171.97	29.53	1033.53	0.41	0.03	0.56	1.14	0.00	0.00	0.00	0.21	20.24	1.84
720.	158.32	169.15	40.04	1077.51	0.41	0.03	0.52	-0.64	0.00	0.00	0.00	0.21	20.24	0.26

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PRC16-P-3-1/4                                                                   PAGE    12
TIME     28       29       30       31       32       33       34       35       36       37       38       39       40       41
 725.   155.30   172.07   50.25  1055.52    0.41     0.03     0.52    -1.00     0.00     0.00     0.00     0.20    20.23     0.79
 730.   152.65   167.10   59.50  1077.51    0.39     0.03     0.52    -1.28     0.00     0.00     0.00     0.20    20.22     1.47
 735.   159.75   159.00   69,71  1099.50    0.39     0.03     0.49    -1.10     0.00     0.00     0.00     0.19    20.22     1.54
 740.   158.17   168.10   10.09  1117.09    0.38     0.03     0.47     3.22     0.00     0.00     0.00     0.18    20.22     2.12
 745.   154.85   159.50   19.32  1077.51    0.36     0.03     0.45     2.31     0.00     0.00     0.00     0.19    20.21     0.81
 750.   143.57   155.97   29.52  1077.51    0.37     0.03     0.49     1.13     0.00     0.00     0.00     0.18    20.20     0.38
 755.   150.45   156.65   40.04  1099.50    0.37     0.03     0.50    -0.62     0.00     0.00     0.00     0.17    20.19     1.19
 760.   152.82   147.22   50.24  1099.50    0.36     0.03     0.49    -0.97     0.00     0.00     0.00     0.17    20.18     1.30
 765.   142.63   145.95   59.50  1055.52    0.35     0.03     0.47    -1.26     0.00     0.00     0.00     0.17    20.16     1.85
 770.   147.82   151.02   69.71  1077.51    0.34     0.03     0.41    -1.07     0.00     0.00     0.00     0.17    20.13     0.27
```

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PRC16-P-3-1/4
TIME      42       43       44       45       46       47       48
   0.     2.94    -1.79     1.26    -1.45     0.59     0.00     0.00
   0.    -0.53    -0.54     0.67    -0.54     1.46     0.00     0.00
   0.    -1.87     0.73    -0.44     1.90     0.79     0.00     0.00
   0.    -0.78     0.47    -1.40     1.36    -1.73     0.00     0.00
   0.    -0.36     0.81    -0.71     0.70    -0.50     0.00     0.00
   0.     0.59     0.32     0.62    -1.96    -0.61     0.00     0.00
   5.    -0.29     0.71    -2.18    -0.42    -3.37     0.00     5.00
  10.     1.12     1.30    -1.88     0.99    -2.09     0.00    10.00
  15.     0.18     1.63    -1.51     1.70    -1.82     0.00    15.00
  20.     0.65     1.35    -0.53     0.06    -2.96     0.00    20.00
  25.     1.26     1.89    -1.60     1.04    -0.06     0.01    25.00
  30.     1.76     2.40    -1.40     0.41    -1.66     0.02    30.00
  35.     4.40    -1.49     0.63     0.78    -1.47     0.05    35.00
  40.     3.68     0.52     0.42     0.67    -1.16     0.17    40.00
  45.     5.48     3.60    -0.82     2.29    -4.57     0.37    45.00
  50.     9.18     0.57    -0.56    -2.13     2.24     0.71    50.00
  55.     6.68     2.02    -1.72     1.35    -1.19     1.34    55.00
  60.     6.87     5.09    -3.43    -0.28    -6.21     2.23    60.00
  65.     7.15     2.61    -1.02    -2.52    -7.01     3.19    65.00
  70.     4.49     2.78     1.71    -0.65    -3.66     4.28    70.00
  75.     8.60     3.19    -0.04    -1.74    -4.56     5.69    75.00
  80.     4.46     4.14    -1.29    -0.68    -3.27     6.52    80.00
  85.     8.73     3.06     0.49    -0.78    -3.56     7.71    85.00
  90.     9.42     3.05    -0.40    -1.58    -4.72     7.80    90.00
  95.     8.51     5.42    -1.26     0.65    -4.99     8.58    95.00
 100.     6.27     5.02    -1.59     0.97    -3.43     9.08   100.00
 105.     4.18     1.59     0.05     0.30    -5.41     9.46   105.00
 110.    10.06     4.01    -1.28    -2.95    -2.60     9.52   110.00
 115.    11.16     4.69    -2.73     1.05    -5.91    10.21   115.00
 120.    12.18     1.72    -3.12    -0.06    -7.95    10.27   120.00
 125.    11.24     4.33    -0.39    -2.47    -1.70    10.68   125.00
 130.     8.53     1.01     1.27    -0.54    -5.11    10.25   130.00
 135.     7.58     4.79    -3.61     0.26    -6.27    10.38   135.00
 140.     7.76     4.32     0.77    -2.61    -1.60     9.80   140.00
 145.    10.07     2.46     0.50    -1.84    -5.54    10.19   145.00
 150.    12.52     1.66    -0.12    -3.22    -7.08     9.81   150.00
 155.     7.87     5.12    -2.15     0.36    -9.68    10.09   155.00
 160.    10.47     2.17     1.71    -1.58    -5.70    10.12   160.00
 165.     9.85     4.42    -2.04    -0.96    -6.21    10.04   165.00
 170.     6.70     6.03    -0.80     1.02    -6.70     9.81   170.00
 175.     8.29     4.87    -2.40     2.52    -4.50    10.20   175.00
 180.     8.77     7.10    -1.04    -1.98    -5.05     9.87   180.00
 185.    10.22     4.97    -2.43    -1.15    -4.05     9.30   185.00
 190.     8.43     5.56    -0.88     1.83    -8.56     9.37   190.00
 195.     8.57     4.87    -1.64     2.29    -4.47     9.58   195.00
 200.     9.03     3.59     0.94    -0.22    -4.47    10.53   200.00
 205.     9.28     4.21    -0.04    -1.07    -4.01    10.50   205.00
 210.     8.26     3.29    -0.38    -2.00    -4.60    10.31   210.00
 215.    10.74     3.36    -1.42    -1.80    -4.43    10.22   215.00
 220.    14.07     2.96    -0.96    -0.13    -6.05    10.05   220.00
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PRC16-P-3-1/4
TIME        42        43        44        45        46        47        48
 225.      8.97      5.05     -1.17      1.79     -5.83      9.83    225.00
 230.     10.05      9.09     -2.41     -2.52     -4.66      9.81    230.00
 235.      9.90      5.12     -0.90     -0.54     -6.34      9.77    235.00
 240.      9.41      4.87     -2.19     -1.06     -5.33      9.55    240.00
 245.     10.71      5.15     -0.58      0.21     -6.43      9.71    245.00
 250.      8.18      5.51     -0.42     -0.09     -5.76      9.38    250.00
 255.     11.26      5.46     -2.65     -0.51     -6.11      9.20    255.00
 260.     12.15      1.11     -0.44     -1.11     -6.88      9.71    260.00
 265.     11.33      2.57     -0.60     -1.17     -5.88      9.52    265.00
 270.     12.60      2.22      1.58     -0.66     -1.48      9.42    270.00
 275.      8.92      1.71      3.47     -0.57     -6.57      9.05    275.00
 280.      4.87      8.55     -2.67      0.83     -6.75      9.38    280.00
 285.      8.82      4.54     -1.57     -1.13     -6.04      9.61    285.00
 290.      8.38      7.21     -3.12      1.37     -5.49      9.77    290.00
 295.      7.44      6.93     -2.29      0.50     -3.56      9.58    295.00
 300.      9.66      4.42     -0.59     -1.03     -3.99      9.25    300.00
 305.      9.82      3.00      1.78     -1.25     -5.28      9.17    305.00
 310.      8.32      5.10     -0.88     -0.26     -6.41      9.34    310.00
 315.     10.17      4.12      3.23     -1.35     -2.99      9.47    315.00
 320.     12.21      3.76      2.01     -2.15     -5.04      9.23    320.00
 325.      7.09      5.02     -0.91     -0.16     -3.38      9.30    325.00
 330.     10.11      2.37      1.62     -1.95     -2.50      8.96    330.00
 335.      8.66      6.63     -0.72      0.38     -2.24      8.87    335.00
 340.     11.43      4.30      0.32     -0.35     -5.14      8.70    340.00
 345.      9.83      4.62     -1.04      0.30     -6.60      8.00    345.00
 350.      5.13      7.84     -2.37      0.03     -2.47      8.66    350.00
 355.     10.84      5.35     -2.27     -1.22     -5.64      8.50    355.00
 360.      9.61      7.38     -1.36     -0.66     -2.74      7.92    360.00
 365.     11.09      5.38     -1.71      0.64     -7.95      7.52    365.00
 370.      8.70      5.00      0.34     -0.75     -6.25      8.05    370.00
 375.      8.82      4.21     -0.94      2.98    -10.91      7.33    375.00
 380.     11.17      2.50      2.61     -0.42     -1.53      3.85    380.00
 385.     11.04      3.77     -0.83     -0.33     -5.30      4.29    385.00
 390.      7.08      4.72     -1.74      0.93     -3.92      3.94    390.00
 395.      6.87      6.93     -0.88     -0.30     -5.02      3.64    395.00
 400.      9.62      3.60     -1.66     -0.24     -4.96      3.84    400.00
 405.      8.15      6.74     -2.11     -0.10     -2.21      3.85    405.00
 410.      4.03      6.12     -1.24     -0.18     -4.89      3.61    410.00
 415.     10.13      2.41      0.18     -1.06     -6.14      3.22    415.00
 420.      7.29      4.45     -1.47      1.60     -6.37      2.95    420.00
 425.      7.75      6.77     -4.28      0.97     -5.51      2.78    425.00
 430.      7.65      3.82     -0.16      0.58     -6.65      2.56    430.00
 435.     10.01      4.05     -1.88      1.41     -5.75      2.29    435.00
 440.      7.91      5.71     -1.96      0.67     -6.57      2.33    440.00
 445.     10.93      4.62     -0.84     -1.55     -4.44      2.38    445.00
 450.      7.96      4.95     -2.09      1.28     -6.85      2.01    450.00
 455.      6.99      4.76     -2.37     -0.14     -6.78      1.67    455.00
 460.      9.21      3.79     -1.69      0.50     -0.20      1.64    460.00
 465.      7.50      3.42      0.20     -0.47     -3.73      1.43    465.00
 470.      8.27      3.19     -0.38     -1.04     -4.37      1.24    470.00
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PRC16-P-3-1/4
TIME      42      43      44      45      46      47      48
 475.    9.12    1.60    0.27    1.38   -5.96    1.09  475.00
 480.    5.74    6.51   -2.43    1.28   -4.59    0.92  480.00
 485.    5.39    4.85   -2.44    0.67   -2.76    0.74  485.00
 490.    9.16    1.69   -0.13    0.64   -4.12    0.62  490.00
 495.    6.89    4.33   -1.43   -1.40   -2.05    0.49  495.00
 500.    6.24    4.48   -2.78    0.03   -4.62    0.44  500.00
 505.    5.27    5.88   -2.82    0.64   -6.04    0.45  505.00
 510.    5.89    3.15    0.79   -1.26   -4.72    0.44  510.00
 515.    4.38    4.88   -0.79   -2.37   -2.47    0.51  515.00
 520.    8.82    3.64   -2.63    0.42   -4.27    0.52  520.00
 525.    5.86    5.96   -4.20    0.79   -4.62    0.30  525.00
 530.    6.94    2.85   -1.40   -1.64   -2.27    0.23  530.00
 535.    5.63    5.20   -2.34    0.93   -4.43    0.21  535.00
 540.    7.79    3.12   -1.17    0.38   -5.62    0.19  540.00
 545.    7.64    1.80    0.07    0.37   -7.54    0.15  545.00
 550.    6.70    3.12   -1.69   -0.55   -3.90    0.14  550.00
 555.    7.23    3.53   -2.16    1.13   -6.21    0.15  555.00
 560.    4.43    2.96   -0.73   -0.34   -3.31    0.13  560.00
 565.    6.31    3.67   -0.84   -0.48   -3.86    0.11  565.00
 570.    8.26    0.04    0.24    0.46   -4.79    0.06  570.00
 575.    4.66    2.92   -1.40   -0.08   -4.40    0.06  575.00
 580.    6.14    5.75   -3.00   -0.55   -3.64    0.06  580.00
 585.    3.82    3.25   -1.89    1.38   -5.08    0.06  585.00
 590.    4.32    4.36   -2.43    0.59   -3.88    0.06  590.00
 595.    4.59    6.05   -5.66    4.34   -7.01    0.06  595.00
 600.    4.68    4.67   -2.32    0.33   -5.91    0.06  600.00
 605.    5.49    3.27   -1.02   -0.94   -2.00    0.05  605.00
 610.    8.28    0.51   -0.16   -0.83   -4.67    0.05  610.00
 615.    7.09    1.10   -0.09    0.75   -5.99    0.05  615.00
 620.    3.63    4.82   -2.60    0.93   -3.12    0.04  620.00
 625.    4.15    3.79   -2.86    0.75   -4.67    0.04  625.00
 630.    6.09    3.23   -1.82    0.47   -4.57    0.04  630.00
 635.    8.31    0.97   -0.01   -2.93   -1.95    0.04  635.00
 640.    6.01    2.48   -0.75   -1.02   -2.90    0.04  640.00
 645.    4.06    2.04   -1.44    1.13   -3.44    0.04  645.00
 650.    5.08    1.64    0.18   -1.35   -2.93    0.04  650.00
 655.    4.77    2.80   -2.03    0.57   -5.09    0.03  655.00
 660.    3.88    2.86   -1.59    1.15   -4.86    0.03  660.00
 665.    4.10    2.76   -1.62    1.13   -4.46    0.03  665.00
 670.    6.58    1.68   -1.03   -0.13   -4.22    0.03  670.00
 675.    2.81    3.24   -1.64    0.32   -3.88    0.03  675.00
 680.    3.77    3.37   -1.69    0.51   -2.74    0.03  680.00
 685.    3.17    4.25   -2.97    2.44   -6.60    0.03  685.00
 690.    3.86    3.47   -2.74    1.34   -5.02    0.03  690.00
 695.    2.79    5.33   -3.80    0.52   -5.51    0.03  695.00
 700.    3.82    3.06   -1.31   -0.69   -2.02    0.03  700.00
 705.    4.72    2.25   -1.02   -0.38   -3.11    0.02  705.00
 710.    5.64    1.64   -0.79    0.22   -4.11    0.02  710.00
 715.    3.95    2.78   -1.47    0.22   -4.54    0.02  715.00
 720.    5.69    1.78   -0.84    0.11   -3.83    0.02  720.00
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PRC16-P-3-1/4
TIME        42       43       44       45       46        47       49
 725.      5.30     1.21    -1.09     0.74    -4.08      0.02   725.00
 730.      4.94     0.91    -0.60    -0.07    -3.75      0.03   730.00
 735.      2.97     2.99    -2.15     1.00    -2.86      0.02   735.00
 740.      4.40     2.01    -1.61     1.20    -4.56      0.02   740.00
 745.      4.62     1.93    -1.52     1.11    -5.67      0.02   745.00
 750.      4.48     0.54     0.32    -0.59    -3.19      0.02   750.00
 755.      2.86     3.42    -2.44     1.04    -5.50      0.02   755.00
 760.      2.51     3.76    -2.28     0.59    -3.99      0.02   760.00
 765.      3.19     1.33    -0.48    -1.27    -2.25      0.03   765.00
 770.      2.56     4.27    -3.78     0.22    -5.00      0.03   770.00
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PRC20-P-3-1/4                                                              PAGE     1

TIME      0       1       2       3       4       5       6       7       8       9      10      11      12      13
  0.   29.42   21.45   26.57   23.25   22.90   22.75   22.63   33.98   32.46   30.61   29.73   29.50   28.72   28.27
  0.   28.60   22.12   26.60   23.17   22.90   22.67   22.63   34.00   32.56   30.71   29.63   29.50   29.10   28.52
  0.   28.37   25.45   26.50   23.13   23.00   22.63   22.67   33.98   32.44   30.63   29.51   29.42   29.05   28.75
  0.   28.22   23.85   26.30   23.13   22.90   22.65   22.70   33.90   32.49   30.51   29.54   29.50   28.95   28.82
  0.   28.88   26.82   26.52   23.07   23.00   22.72   22.67   33.98   32.37   30.49   29.58   29.47   28.88   28.82
  0.   28.35   22.00   26.60   23.13   23.17   22.85   22.70   34.00   32.41   30.58   29.56   29.52   28.55   28.45
  5.   30.22   21.57   28.50   23.75   22.88   22.85   22.80   35.19   38.68   32.61   30.39   29.40   29.05   28.97
 10.   38.29   34.41   28.32   23.80   23.00   22.92   22.77   36.56   41.54   39.54   40.34   39.90   36.68   35.63
 15.   44.22   38.58   35.41   24.70   23.20   22.85   22.80   37.95   48.24   44.37   43.10   42.58   40.90   39.68
 20.   54.22   46.37   41.80   24.07   23.27   23.25   23.20   42.90   54.27   50.15   50.85   48.66   48.41   47.66
 25.   72.95   58.67   53.66   29.02   23.45   23.35   23.25   49.07   76.78  67.48    64.12   60.55   60.69   58.93
 30.   95.95   82.19   65.88   32.34   23.27   23.20   23.20   59.12  104.60   01.14   84.03   82.95   79.00   78.79
 35.  160.70  116.90  113.05   34.19   23.55   23.30   23.30   79.40  162.57  137.77  135.72  134.22  142.02  128.88
 40.  249.29  203.63  196.13   42.88   23.47   23.35   23.27  115.73  249.95  206.51  218.32  225.67  225.27  205.34
 45.  313.52  262.15  223.57   42.58   23.45   23.22   23.02  191.07  347.33  313.46  310.76  317.64  314.51  303.95
 50.  347.76  310.81  272.29   42.76   23.47   23.35   23.07  241.71  498.65  388.00  386.59  305.09  367.95  364.40
 55.  363.74  310.41  257.51   30.22   23.35   23.25   23.07  294.78  452.79  410.70  405.48  395.95  384.76  369.52
 60.  349.52  308.27  232.95   28.88   23.42   23.27   23.10  322.26  471.86  436.90  421.43  409.52  402.86  385.48
 65.  362.02  342.27  260.54   29.13   23.63   23.30   23.22  350.81  493.09  433.49  430.24  406.51  405.24  389.76
 70.  358.29  341.31  314.39   32.93   23.65   23.47   23.22  391.43  515.12  466.98  458.01  440.48  404.42  405.24
 75.  345.24  353.43  312.80   58.29   23.80   23.45   23.30  430.55  549.53  495.35  470.70  452.79  439.53  427.14
 80.  363.07  357.57  321.33   74.39   24.38   23.90   23.57  459.53  568.14  540.46  518.60  495.81  466.05  454.76
 85.  380.95  370.23  340.83  145.97   23.67   23.60   23.57  476.51  586.90  546.05  526.74  510.33  472.79  460.70
 90.  389.05  395.48  340.79  101.58   24.50   23.87   23.50 ,512.14  609.76  566.51  548.14  516.28  492.86  467.91
 95.  399.05  399.76  346.15   78.19   24.20   23.80   23.55  517.67  623.01  586.74  568.37  540.00  512.62  494.52
100.  408.84  403.57  355.67  118.00   24.10   23.80   23.65  551.19  633.09  608.81  587.86  545.28  517.62  499.05
105.  436.43  431.19  346.67  101.61   23.72   23.63   23.42  542.56  632.38  605.00  568.14  540.93  517.62  500.95
110.  439.05  410.70  349.64   96.02   23.90   23.65   23.45  554.42  630.00  610.00  585.95  542.56  511.16  498.84
115.  438.60  431.19  362.32  126.85   24.15   24.10   23.63  583.33  651.19  627.14  586.98  556.28  521.16  520.95
120.  438.60  429.52  364.12   78.61   23.87   23.82   23.57  592.62  649.05  628.33  604.76  564.19  546.19  520.00
125.  436.74  434.76  382.14  110.56   24.55   23.87   23.55  590.48  645.00  627.14  608.57  585.24  549.00  523.95
130.  459.52  438.09  364.42  110.54   24.82   24.05   23.55  603.81  655.48  641.19  627.86  605.24  555.35  550.71
135.  464.19  437.44  391.67  136.67   24.72   23.95   23.80  610.24  655.95  642.14  629.05  605.95  554.65  549.76
140.  456.28  453.81  383.33  122.27   24.07   23.95   23.95  606.98  661.16  658.57  643.57  607.67  587.86  556.28
145.  464.42  455.24  401.19  120.61   24.70   24.07   24.07  601.16  664.05  651.90  644.76  629.33  593.49  561.39
150.  451.63  454.65  410.24   92.59   23.90   24.05   23.77  628.09  661.16  665.48  650.24  629.20  590.23  564.42
155.  460.93  452.86  407.67  153.90   24.05   23.85   23.72  636.90  685.48  667.14  652.86  625.71  588.33  559.30
160.  474.19  458.37  387.86  128.85   24.10   24.13   23.02  643.09  690.00  671.67  655.71  630.00  580.70  566.98
165.  494.76  456.28  384.29  150.37   24.70   24.20   23.90  634.05  661.39  661.19  645.48  624.76  590.43  556.74
170.  494.52  452.79  421.67  140.95   24.17   24.02   23.85  646.67  694.76  661.39  663.33  641.67  607.38  589.52
175.  479.30  453.25  407.62  163.17   24.17   23.92   23.60  641.67  667.91  666.90  650.48  628.09  592.09  560.84
180.  492.09  467.21  401.63  187.85   24.25   24.20   23.90  656.90  707.14  691.43  660.23  653.09  602.09  580.70
185.  513.81  472.56  403.26  218.22   23.82   24:00   23.65  658.09  714.05  698.81  667.67  654.28  604.19  587.21
190.  518.33  471.16  406.05  237.90   23.95   24.07   23.37  662.86  705.48  689.28  659.30  652.38  606.28  606.67
195.  495.81  470.46  422.14  227.42   24.35   23.82   23.55  658.33  703.57  691.43  664.88  658.09  608.60  611.90
200.  518.81  462.79  430.71  199.50   25.88   23.87   23.37  658.09  702.62  687.62  673.33  652.38  605.35  607.38
205.  518.60  457.86  410.00  162.70   25.15   23.85   23.00  662.38  703.57  667.21  670.00  647.62  599.53  586.28
210.  516.28  457.67  389.05  206.24   23.97   23.95   24.05  658.57  695.00  663.95  668.81  650.00  603.26  606.43
215.  519.30  473.49  426.90  237.80   24.15   24.38   24.25  666.43  708.01  694.76  663.95  658.81  627.14  612.14
220.  526.51  470.00  451.90  227.05   24.90   24.17   23.92  665.95  706.43  689.28  661.16  656.19  624.76  611.67
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TIME        0         1         2         3          4          5          6         7         8         9        10        11        12        13
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 230.    528.37    473.25    431.86    207.73     24.40      24.27      24.77    685.24    734.20    710.48    695.24    662.56    651.90    648.81
 235.    545.00    515.24    459.05    203.32     24.40      24.30      24.15    686.90    724.52    708.33    694.05    672.14    639.28    627.38
 240.    545.24    514.28    458.09    217.80     24.52      24.45      24.65    696.67    741.19    728.57    717.62    698.09    666.19    648.09
 245.    543.49    520.48    466.51    227.52     24.60      24.63      24.82    710.95    781.22    747.14    734.28    712.86    666.98    668.81
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 255.    548.37    499.30    465.12    155.75     24.67      24.50      24.47    692.86    723.81    710.95    703.09    684.76    654.52    636.90
 260.    550.00    494.19    460.93    173.17     24.65      24.63      24.72    693.33    733.33    717.14    703.57    685.43    656.90    648.57
 265.    549.30    462.79    423.33    143.57     24.72      24.67      24.85    688.09    720.24    702.62    687.38    669.09    641.90    635.95
 270.    554.88    471.39    433.49    114.61     25.15      24.65      24.42    685.95    718.09    703.33    691.19    670.71    645.24    634.28
 275.    551.86    493.49    453.95    138.25     25.15      25.42      24.70    687.62    716.67    702.62    690.71    658.37    646.67    635.95
 280.    542.79    521.19    422.62    223.60     25.25      26.22      25.00    692.14    735.24    717.86    702.38    684.05    659.28    652.86
 285.    551.63    499.52    456.05    221.50     25.32      25.00      24.52    692.62    725.49    711.90    700.71    665.51    656.19    643.09
 290.    548.37    475.58    437.62    138.92     26.40      24.92      25.42    689.05    720.95    704.76    693.33    650.84    649.28    638.81
 295.    556.98    495.35    455.81    152.82     25.82      24.88      24.65    700.95    733.33    720.95    710.24    694.76    667.14    658.33
 300.    560.23    500.24    458.81    199.29     24.72      24.63      24.75    695.24    725.95    710.95    700.48    685.71    661.19    653.57
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 320.    556.28    479.53    459.76    181.07     25.00      24.70      25.25    662.32    705.95    692.62    666.28    665.71    641.67    630.95
 325.    553.95    493.81    455.48    178.47     24.95      24.70      24.65    659.07    698.81    685.71    659.07    660.48    637.86    631.67
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 335.    554.88    493.95    458.57    183.87     24.67      24.67      25.20    668.09    696.43    666.51    672.14    658.57    633.09    608.37
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 345.    543.02    498.57    460.24    183.90     24.80      24.32      25.10    654.52    659.07    662.38    655.24    645.00    629.28    608.60
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 365.    528.37    471.16    452.62    169.42     24.72      24.89      24.57    624.28    644.76    638.09    628.33    601.39    585.35    593.09
 370.    525.58    462.56    439.76    150.90     24.65      24.97      24.75    603.26    643.33    626.43    603.72    605.95    589.76    583.33
 375.    526.51    465.35    439.30    202.47     24.45      24.89      24.45    611.43    630.00    606.05    600.70    605.48    587.14    567.44
 380.    515.81    461.63    436.43    163.02     24.38      24.70      24.47    607.38    628.57    603.26    608.81    584.08    584.52    564.65
 385.    521.43    459.52    402.62    105.80     25.57      25.07      23.92    584.19    601.16    604.76    584.65    589.52    562.09    555.81
 390.    518.33    459.77    427.38    152.05     25.72      25.10      24.20    592.62    609.20    596.74    579.53    593.33    555.59    550.46
 395.    514.28    460.48    410.46    135.35     24.82      24.52      24.42    583.81    584.60    590.24    584.76    561.39    549.53    544.88
 400.    495.12    450.70    395.00     87.50     27.70      25.07      25.13    561.16    588.81    568.14    562.79    554.88    540.93    547.14
 405.    490.46    454.76    406.19     72.58     25.72      24.90      25.17    553.95    567.21    561.39    556.90    548.37    543.57    542.86
 410.    495.00    437.91    403.49     65.29     25.52      25.02      24.47    546.05    559.53    552.09    546.51    551.19    526.51    520.93
 415.    479.30    436.05    389.05     61.79     25.97      24.97      24.30    540.46    554.19    548.14    543.26    547.06    522.56    517.91
 420.    474.42    436.19    390.71     59.40     25.95      24.97      25.47    544.52    547.44    540.23    546.90    523.72    512.32    519.52
 425.    467.44    439.52    370.24     61.21     25.27      25.22      25.40    523.25    549.09    529.30    524.88    516.74    510.81    514.28
 430.    458.84    429.29    352.45     61.02     25.25      25.02      25.75    515.81    526.90    520.23    516.28    518.33    497.44    494.19
 435.    451.86    421.19    370.46     63.36     24.90      24.92      24.30    520.95    521.16    514.42    519.52    512.14    490.70    495.95
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 445.    455.24    406.28    365.12     67.83     25.40      24.63      24.25    494.42    516.90    498.60    492.79    497.62    477.44    471.86
 450.    435.58    403.02    363.93     59.50     25.27      25.02      24.90    498.81    496.74    490.93    497.86    479.30    472.09    468.37
 455.    439.76    405.71    341.09     56.05     25.40      24.88      24.97    480.00    499.20    494.28    479.07    471.63    462.09    459.53
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TIME	0	1	2	3	4	5	6	7	8	9	10	11	12	13
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480.	401.16	389.05	326.24	50.44	25.13	24.50	25.07	455.95	458.01	455.71	452.30	436.74	440.24	436.43
485.	402.38	368.14	315.90	49.54	25.95	24.65	24.47	439.35	451.90	438.14	434.80	430.70	434.05	430.95
490.	398.57	368.37	294.19	48.34	25.20	25.32	25.85	433.67	434.06	431.84	439.00	435.33	429.14	427.17
495.	393.57	362.79	324.57	47.88	25.90	24.50	24.22	437.86	437.17	435.40	433.26	420.86	421.57	409.53
500.	388.57	359.29	304.29	48.27	27.55	24.82	25.05	432.19	432.36	429.52	426.98	422.06	405.06	403.79
505.	383.33	363.33	316.19	48.73	27.05	24.57	24.13	427.02	426.93	423.64	421.90	408.77	401.93	409.55
510.	370.93	359.05	311.24	48.19	26.80	24.67	24.07	421.71	420.78	408.14	406.44	402.77	406.19	405.43
515.	364.93	348.79	291.17	46.76	25.85	24.47	24.72	406.63	405.02	403.39	401.26	405.06	400.55	398.38
520.	368.21	345.36	293.83	45.39	26.27	24.45	24.92	401.60	409.40	407.93	405.64	402.14	395.81	394.09
525.	364.40	348.48	282.98	44.15	25.90	24.52	24.50	406.29	404.05	402.76	400.79	396.31	391.21	389.17
530.	360.64	344.86	293.02	43.24	25.63	24.30	24.07	401.38	397.98	396.38	394.62	391.74	385.36	384.02
535.	355.43	346.05	274.58	42.24	26.45	24.50	24.35	396.52	392.76	392.24	389.01	385.69	369.01	369.02
540.	353.21	345.32	270.41	42.15	25.80	24.38	24.42	391.43	386.52	385.74	383.06	380.62	366.32	365.60
545.	346.55	325.88	257.76	41.63	26.17	24.35	24.00	386.79	381.40	381.26	370.53	367.00	369.48	368.98
550.	343.74	322.81	256.85	41.63	25.70	24.35	24.13	382.14	368.07	367.70	365.70	362.46	366.36	365.67
555.	340.98	320.09	231.85	40.98	25.45	24.15	23.80	369.23	363.67	363.56	361.86	366.59	360.67	360.17
560.	343.05	311.31	226.25	40.58	25.22	24.25	24.63	364.88	366.29	366.40	364.69	360.64	353.36	353.03
565.	339.58	313.12	246.56	39.51	25.35	24.10	24.02	369.36	361.69	361.33	360.33	357.62	350.21	349.36
570.	328.50	309.80	241.73	39.05	25.25	24.07	23.67	365.55	358.24	358.00	356.52	353.69	344.93	342.76
575.	323.81	291.74	222.05	39.19	25.70	24.17	24.45	361.62	353.79	353.50	352.05	347.36	348.37	347.98
580.	319.81	291.00	233.00	39.19	26.45	24.65	23.70	357.69	348.49	348.12	345.98	341.59	342.39	342.19
585.	312.45	290.46	206.51	38.80	26.38	24.95	23.70	353.95	345.43	344.55	342.36	346.27	328.93	328.02
590.	311.24	283.24	225.85	39.10	26.47	24.25	24.02	350.45	342.31	348.15	344.32	339.41	322.86	321.57
595.	316.27	283.07	202.30	38.54	25.20	24.05	24.10	347.07	347.00	345.05	340.76	327.48	319.50	316.79
600.	309.54	276.71	220.40	38.05	26.00	24.65	23.65	343.45	342.27	341.68	329.14	320.88	314.93	312.50
605.	306.05	269.10	202.05	37.58	25.77	24.00	24.32	348.27	338.56	329.05	323.69	317.24	317.83	314.10
610.	305.41	266.02	182.75	36.73	25.42	24.20	24.30	345.02	327.40	324.98	319.33	312.50	314.41	311.66
615.	297.51	263.78	184.97	36.17	25.10	24.13	23.82	341.80	324.59	322.50	316.98	316.54	308.95	306.44
620.	295.27	260.17	185.30	35.88	24.72	23.89	24.20	338.71	320.49	318.88	313.69	313.22	304.03	292.67
625.	290.32	248.63	172.50	35.37	24.72	24.22	24.27	327.67	317.14	315.57	310.69	309.00	292.69	294.29
630.	292.51	245.68	165.97	35.56	24.70	23.90	23.52	324.74	314.19	311.43	314.10	305.71	291.69	293.93
635.	286.83	243.93	178.35	35.44	24.90	24.05	24.07	322.00	310.76	316.05	312.07	293.64	294.78	290.17
640.	282.85	238.15	167.70	35.88	25.00	24.02	23.50	319.26	315.27	312.98	306.93	297.24	291.29	286.61
645.	279.17	237.02	163.00	35.15	24.63	23.82	23.57	316.64	313.54	310.51	303.39	295.22	288.15	283.61
650.	274.98	234.22	170.10	34.73	25.47	23.80	23.87	314.17	312.10	308.17	302.00	292.46	285.27	279.63
655.	269.76	230.34	169.38	34.34	24.63	23.75	23.70	311.52	307.90	304.85	291.43	289.19	282.93	276.61
660.	266.51	230.49	162.20	34.07	24.55	23.82	23.52	316.54	304.66	302.24	296.05	286.61	277.08	275.19
665.	263.78	232.17	158.72	33.78	24.45	23.50	23.70	314.05	302.83	292.36	293.66	284.39	274.66	269.32
670.	260.71	230.24	166.80	34.10	25.50	23.52	23.67	311.63	294.65	296.88	290.73	281.44	269.85	266.66
675.	260.90	221.88	153.92	34.29	24.40	23.70	23.77	309.07	291.05	293.80	287.39	277.24	268.70	262.95
680.	261.29	230.67	149.65	33.90	25.27	23.87	23.42	306.71	295.71	290.56	283.51	274.22	267.19	260.98
685.	256.63	221.17	140.65	33.95	24.60	23.72	23.95	304.46	293.50	289.56	281.12	269.00	262.39	258.68
690.	243.80	206.00	146.67	34.27	24.92	24.20	23.65	302.19	291.12	286.85	278.95	267.56	259.32	254.34
695.	240.27	203.58	129.56	34.51	25.95	25.27	23.63	292.88	289.22	284.71	276.24	265.02	257.29	251.95
700.	239.83	199.85	136.35	34.54	25.57	24.02	23.80	297.80	286.49	281.83	274.12	262.00	254.49	247.29
705.	237.58	202.80	142.63	34.63	24.52	24.17	23.75	295.73	283.22	270.98	272.15	259.73	251.34	245.71
710.	240.63	195.63	152.20	34.32	24.95	24.02	24.07	293.54	281.51	277.88	269.29	257.71	248.15	242.07
715.	236.07	190.32	129.41	33.15	24.45	23.67	24.22	291.37	279.15	275.80	266.71	254.54	245.15	239.78
720.	240.10	187.30	125.37	33.00	24.72	23.72	23.80	289.34	277.71	273.46	265.29	252.39	243.56	237.12

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TIME       0         1         2         3         4         5         6         7         8         9        10        11        12        13
 725.    235.44    184.27    122.29     33.56     25.57     23.77     23.87    287.32    275.34    271.32    261.12    240.41    240.58    234.02
 730.    232.37    180.42    115.46     33.58     24.55     24.00     23.97    285.34    273.32    269.34    259.78    246.46    236.76    230.83
 735.    228.63    177.05    122.02     32.05     25.20     24.32     23.57    283.41    271.46    267.19    256.61    244.10    233.93    229.08
 740.    229.41    176.85    127.61     33.27     24.80     24.85     23.40    281.51    269.17    265.17    254.41    242.56    231.85    229.72
 745.    234.46    171.13    133.37     33.27     24.80     24.00     23.65    279.63    267.17    262.66    252.71    239.93    230.68    226.88
 750.    231.07    172.42    123.19     32.73     24.65     23.67     23.72    277.93    264.98    260.24    248.19    237.24    229.17    223.00
 755.    231.60    166.13    122.07     32.83     24.35     23.70     23.67    276.12    262.37    258.02    247.27    234.61    230.80    223.05
 760.    223.95    163.47    107.98     32.80     24.97     23.72     23.87    274.34    261.15    256.02    244.95    232.66    227.85    218.60
 765.    222.15    162.75    126.12     32.66     24.45     23.97     23.72    272.61    258.61    254.10    242.60    230.58    225.27    217.47
 770.    221.82    158.92    118.58     32.76     24.92     23.70     23.82    271.00    257.17    252.51    241.88    229.15    222.97    215.95
 775.    205.51    155.60    104.32     32.88     24.47     23.67     24.00    269.39    255.07    250.34    238.95    228.00    221.10    207.93
 780.    205.76    154.35    113.93     32.76     24.70     23.80     24.42    267.66    253.44    247.27    235.90    231.57    219.10    204.68
 785.    215.20    152.63    115.27     32.37     24.63     23.95     24.05    266.10    252.24    246.15    235.05    229.52    218.45    202.61
 790.    220.17    156.27    114.12     31.61     24.63     23.67     24.15    264.56    250.58    244.10    232.95    227.92    216.17    201.71
 795.    214.62    150.15     97.45     31.27     24.65     23.60     23.42    263.02    248.95    243.12    230.80    225.95    213.97    200.00
 800.    205.90    150.17    111.61     31.27     24.75     23.92     24.65    261.54    247.15    241.02    229.27    223.50    206.90    199.39
 805.    199.97    148.82    112.78     31.17     24.17     23.60     24.10    260.12    245.61    239.41    232.32    221.90    203.80    198.68
 810.    204.56    144.10    109.17     30.58     24.50     23.63     23.72    258.71    244.12    237.56    231.80    219.25    203.61    201.57
 815.    203.25    144.07    112.10     30.66     24.32     23.67     23.35    257.29    242.80    235.66    230.05    218.65    202.54    197.47
 820.    203.61    144.85    113.68     31.05     24.13     23.50     24.00    255.98    241.66    235.15    228.80    217.60    200.61    198.02
```

TIME	14	15	16	17	18	19	20	21	22	23	24	25	26	27
0.	27.77	27.12	27.05	26.67	26.75	75.95	25.63	25.20	25.10	27.32	32.12	24.90	24.82	24.47
0.	27.85	27.17	27.22	27.05	26.72	1405.38	25.60	25.10	25.27	27.20	32.10	25.13	25.25	24.50
0.	27.80	27.17	27.42	27.02	25.80	101.80	25.05	25.47	24.97	27.10	32.12	24.80	24.20	24.47
0.	27.85	27.32	27.42	27.17	26.77	105.19	25.82	25.67	24.60	27.00	32.12	25.02	24.80	24.47
0.	27.63	27.55	27.55	27.25	26.92	67.64	25.77	25.68	25.05	26.85	32.07	24.05	25.00	24.52
0.	27.63	27.47	27.52	27.07	26.90	793.41	25.97	25.65	25.30	27.07	32.10	24.00	24.72	24.52
5.	29.02	28.97	28.95	28.90	28.82	109.10	27.92	20.20	29.05	29.47	32.70	20.67	28.75	25.63
10.	34.46	34.15	30.46	29.46	29.60	78.85	29.35	29.30	28.95	29.77	34.46	20.70	28.57	25.65
15.	39.66	39.54	37.98	37.71	31.05	78.21	29.29	29.70	29.17	29.68	36.19	20.02	28.63	25.77
20.	46.80	45.80	43.93	43.10	38.39	112.07	33.66	29.60	28.92	30.49	39.05	20.22	28.30	25.82
25.	53.63	55.90	51.15	46.66	37.66	148.30	30.58	29.42	28.95	32.39	44.44	27.02	28.67	25.85
30.	77.71	76.24	70.49	58.86	49.02	104.51	31.51	30.90	29.66	35.85	54.24	29.97	29.92	26.00
35.	128.93	134.20	119.29	92.62	66.21	154.00	36.68	32.44	32.17	44.39	74.90	31.56	31.60	26.10
40.	201.61	202.77	186.47	159.90	107.46	493.25	49.98	36.03	36.39	58.79	105.80	33.00	35.61	26.30
45.	293.79	285.78	263.27	258.46	187.67	101.24	54.19	40.76	40.54	81.31	150.17	30.93	38.10	26.55
50.	346.90	348.07	311.48	297.39	235.66	102.73	54.39	44.15	43.66	112.56	198.54	43.83	39.70	26.90
55.	353.50	342.50	318.69	297.24	241.88	92.00	63.50	51.29	46.61	142.35	232.20	46.46	44.51	27.30
60.	367.44	355.71	327.45	304.73	259.58	74.12	75.49	60.00	53.05	159.88	262.05	51.34	52.44	27.82
65.	364.19	346.67	322.14	295.58	247.34	94.71	87.48	65.07	57.56	170.10	291.63	56.56	54.32	28.45
70.	382.86	349.36	320.29	296.98	243.46	13.40	103.63	71.66	61.31	179.15	314.09	60.57	60.02	29.20
75.	397.38	370.00	346.37	309.00	267.88	-3.10	110.27	78.41	66.64	184.27	356.50	65.69	64.17	29.32
80.	409.77	366.98	343.38	322.86	275.34	-16.08	113.19	84.19	71.56	184.30	383.24	71.46	64.81	30.29
85.	435.00	402.62	368.57	329.57	294.39	-29.61	123.10	89.81	75.58	196.75	402.09	75.63	71.54	31.41
90.	432.79	406.67	364.42	343.83	304.98	-48.72	140.80	100.32	78.00	198.83	451.67	79.34	75.44	32.58
95.	455.48	407.91	383.33	351.24	314.52	89.43	150.25	109.00	83.45	206.83	454.88	83.24	78.43	33.90
100.	458.84	426.43	391.43	365.59	324.09	115.27	161.55	111.85	89.52	221.60	474.65	89.26	86.90	35.29
105.	454.88	433.81	401.90	370.24	322.67	-26.79	166.77	116.03	94.09	226.02	497.86	92.76	88.00	36.90
110.	468.84	440.71	403.33	366.51	326.43	1041.79	164.47	114.22	100.44	228.24	494.65	95.67	93.38	38.41
115.	496.43	460.48	423.81	383.09	342.93	1553.33	172.30	118.32	105.41	232.05	512.56	101.49	94.29	40.17
120.	490.93	458.37	434.28	398.57	354.29	549.09	183.25	126.46	112.39	237.78	510.37	106.68	102.60	42.07
125.	500.71	459.77	435.71	399.52	356.90	926.50	173.80	136.47	115.60	246.80	529.30	110.27	105.00	43.98
130.	518.81	465.58	439.29	409.05	362.56	1037.95	194.00	142.47	120.63	258.29	544.42	120.17	112.80	46.02
135.	518.33	466.51	438.60	408.60	381.19	90.19	200.02	138.57	123.95	266.88	551.39	116.54	111.37	48.24
140.	518.37	475.58	460.48	428.81	390.57	1910.77	204.07	147.67	126.12	264.73	584.20	123.93	115.46	50.54
145.	527.67	495.95	452.32	434.76	386.19	2401.28	201.27	150.92	128.71	271.63	579.53	129.17	120.24	52.90
150.	527.21	494.76	457.91	433.33	390.71	2530.26	202.58	151.88	130.20	274.39	585.35	134.27	121.34	55.32
155.	525.35	492.38	456.28	436.67	392.38	1331.29	213.65	160.35	133.45	286.07	594.65	127.78	116.56	57.90
160.	529.07	496.43	464.88	434.42	397.86	1425.13	202.66	155.88	135.20	289.58	588.84	133.90	121.44	59.05
165.	519.30	492.38	460.23	431.16	396.43	1490.97	192.60	161.75	140.67	295.00	588.14	137.92	128.15	61.64
170.	542.09	496.51	470.46	452.14	405.24	2521.79	202.51	159.67	143.92	297.02	601.16	130.52	128.54	64.29
175.	547.38	498.14	476.28	451.19	405.24	2309.74	213.80	165.97	149.97	294.44	600.23	143.57	136.82	67.00
180.	540.70	499.30	473.72	451.67	406.90	2231.79	217.38	169.95	152.67	292.57	608.14	145.07	136.27	71.49
185.	551.86	512.79	478.37	455.48	405.00	2211.02	200.70	161.47	160.70	309.34	630.24	146.42	138.00	74.29
190.	560.46	524.19	500.48	455.00	406.51	1510.49	223.72	177.27	157.05	308.17	625.48	150.95	144.95	77.07
195.	565.51	525.12	490.70	455.71	402.56	515.81	205.08	177.32	159.80	305.32	640.24	147.35	139.42	78.14
200.	559.07	519.53	498.81	459.28	405.40	83.93	218.35	167.80	150.00	308.05	630.48	145.35	136.20	80.93
205.	555.58	521.63	491.39	452.32	405.35	-144.10	229.87	174.52	159.67	308.32	627.38	145.38	140.60	83.83
210.	563.95	524.19	490.93	454.88	407.91	-272.05	202.76	177.07	165.30	315.66	629.28	150.45	146.90	86.74
215.	567.67	528.14	495.49	455.00	401.16	-243.33	203.22	177.82	160.15	311.31	638.57	147.02	143.65	89.64
220.	504.05	549.05	515.48	458.60	430.00	109.73	228.47	189.22	165.70	318.50	636.19	161.22	148.80	92.62

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TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
225.   608.81   554.42   516.05   470.46   408.14   264.39   222.45   187.05   171.17   325.67   645.00   154.20   154.20    95.57
230.   633.81   611.43   551.16   498.33   420.09   350.48   227.52   200.65   171.00   339.37   651.90   160.07   153.77   100.60
235.   586.05   560.70   550.00   520.71   432.79   -20.97   224.27   190.75   185.00   341.71   654.05   166.75   164.15   104.00
240.   610.48   555.35   513.95   470.23   430.93   125.61   226.50   187.60   183.65   342.44   660.93   163.22   156.67   107.07
245.   633.81   585.95   520.70   467.67   432.62   109.76   224.50   190.20   179.40   348.34   685.71   169.77   161.87   110.22
250.   599.53   558.14   518.60   472.56   437.86  1463.85   235.80   193.63   183.72   327.31   672.06   157.52   153.83   113.32
255.   604.28   550.46   521.67   470.93   431.39  1285.34   232.05   196.72   184.25   338.63   670.00   156.00   155.40   116.49
260.   624.28   592.14   547.38   477.21   434.52  1955.85   224.88   185.30   185.50   320.07   664.28   157.40   161.50   119.50
265.   602.56   587.38   541.63   497.44   438.33  1750.51   216.85   190.17   178.82   297.24   661.67   169.27   155.77   122.61
270.   609.52   567.44   545.24   501.43   439.05  2305.64   206.93   175.85   179.70   283.12   657.14   161.77   161.35   125.61
275.   611.90   560.93   528.60   497.38   440.46  2458.72   220.60   191.97   179.70   282.27   658.01   161.05   164.52   128.63
280.   626.90   587.67   554.65   515.48   438.14  2353.85   232.27   194.92   188.02   291.85   663.33   167.52   161.45   134.95
285.   604.42   585.35   554.88   515.35   435.50  1950.26   230.56   186.82   193.65   281.02   664.76   169.22   167.80   138.00
290.   613.09   588.09   542.09   514.28   454.05  2312.31   229.77   200.02   195.82   279.02   665.48   171.72   180.17   140.97
295.   631.67   587.91   555.58   510.23   456.05  2256.67   241.66   202.80   193.65   287.88   673.33   176.45   176.15   143.95
300.   629.52   580.84   550.00   518.57   460.95  1952.31   231.02   202.72   199.92   280.68   660.57   171.37   180.07   145.90
305.   599.53   583.81   552.38   495.58   456.43  1585.92   232.54   205.78   197.20   283.32   667.62   170.67   178.55   149.92
310.   605.81   590.24   546.28   515.71   452.14  1211.02   232.90   199.20   198.63   288.83   665.00   168.05   172.67   152.63
315.   586.98   562.32   546.67   491.63   455.00   822.68   231.93   216.37   202.97   288.80   660.00   166.27   180.27   155.57
320.   605.48   563.02   527.67   493.33   455.48    65.31   228.80   205.19   195.28   285.46   658.09   168.20   163.97   158.35
325.   610.71   586.19   548.14   516.67   435.12    20.25   229.65   201.27   191.55   294.58   653.57   161.32   160.97   161.07
330.   582.32   560.00   545.00   500.71   436.05  -553.33   225.92   200.56   195.63   283.39   646.67   166.65   173.25   163.67
335.   583.95   560.23   544.05   493.33   439.05  -654.36   225.87   196.32   195.05   289.02   644.05   168.22   165.57   166.25
340.   584.42   559.77   544.28   498.81   438.60   -43.64   215.57   190.32   197.97   283.85   640.40   170.27   169.45   168.67
345.   606.90   586.90   549.77   518.33   453.33   246.34   217.75   190.32   199.57   286.00   635.71   163.13   163.10   171.00
350.   586.28   585.24   548.60   514.52   430.70   315.71   223.82   194.55   193.12   282.61   630.00   168.63   163.75   173.30
355.   585.00   551.39   529.53   497.62   410.23  1277.18   230.52   200.00   185.50   287.54   608.37   153.00   159.62   175.50
360.   567.91   543.95   523.02   495.95   433.09  1148.97   220.87   189.25   191.45   278.90   601.39   161.02   169.38   177.57
365.   564.19   545.12   522.56   501.67   409.14  1974.61   221.65   191.47   191.60   285.90   609.05   161.50   168.15   179.52
370.   551.63   544.52   511.39   465.81   423.33  1750.46   224.35   189.17   188.10   286.10   586.98   162.37   168.97   181.40
375.   552.56   549.05   516.74   495.00   405.35  1994.36   226.35   193.92   190.10   278.80   582.79   162.35   159.13   183.17
380.   548.84   545.00   519.05   460.93   404.65  1924.61   221.10   194.95   188.13   282.95   592.14   152.70   159.13   184.08
385.   542.09   522.09   499.30   459.30   400.30  1809.26   219.25   199.97   185.40   276.80   585.95   155.45   154.25   186.47
390.   547.14   516.98   499.53   457.91   408.81  1190.46   217.63   199.52   185.47   282.46   566.05   155.92   160.25   187.95
395.   529.30   513.72   500.71   439.30   405.00  1020.51   208.24   186.52   184.38   267.93   559.77   149.50   150.55   189.38
400.   521.63   516.90   476.74   433.26   387.14   775.61   204.10   173.92   183.87   266.68   552.32   156.40   153.27   190.57
405.   517.21   514.05   492.14   436.98   394.05   433.33   205.10   176.35   177.70   265.66   545.12   147.25   147.35   191.77
410.   519.28   490.93   469.53   439.29   369.53   109.58   200.51   180.35   174.37   255.49   551.67   145.17   146.27   192.88
415.   516.43   490.23   471.39   432.32   368.60    75.98   198.65   169.90   172.27   249.83   546.19   134.90   141.77   193.70
420.   493.95   476.51   455.81   425.00   365.62   -13.10   191.90   151.95   170.77   250.39   526.20   135.97   142.02   194.55
425.   490.23   474.65   451.86   410.93   362.52  1041.54   190.90   156.27   168.40   254.27   519.20   136.15   142.92   195.25
430.   495.00   472.32   452.09   422.62   363.49  -964.35   187.95   165.87   167.15   253.54   512.32   127.90   139.97   195.80
435.   473.25   460.00   435.81   405.51   355.40 -1100.74   183.30   110.17   163.92   240.80   517.06   136.73   136.52   196.37
440.   466.28   460.95   431.06   406.90   352.86  -955.99   182.27   152.25   164.02   245.56   493.37   123.12   137.77   196.67
445.   459.77   458.57   433.02   407.38   341.05   120.95   181.45   162.72   163.77   236.50   492.32   122.37   129.80   197.00
450.   455.35   452.86   433.33   404.05   345.54    70.43   183.07   159.05   159.72   235.83   497.14   117.39   133.52   197.25
455.   459.28   437.21   427.86   396.19   341.33   105.15   177.30   156.97   158.40   232.90   470.60   114.17   128.44   197.38
460.   439.07   436.19   410.00   394.29   339.46   175.10   172.15   157.47   158.97   228.76   471.16   112.10   134.47   197.40
465.   432.56   429.76   406.05   387.62   315.74    30.19   169.62   145.35   155.13   227.90   465.12   124.27   135.55   197.32
470.   430.57   427.38   410.00   371.39   310.79   165.02   170.52   138.05   150.27   229.57   450.37   115.13   125.05   197.20
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TIME      14       15       16       17       18       19       20       21       22       23       24       25       26       27
 475.   433.57   408.60   400.95   366.51   315.98   195.15   164.62   139.32   145.95   221.50   452.32   100.56   121.95   196.95
 480.   424.52   403.02   395.95   364.19   317.78   223.10   164.20   146.00   144.67   218.88   456.67   106.29   119.68   196.72
 485.   420.95   408.57   392.38   369.52   312.43   -93.00   161.72   133.70   145.25   200.54   127.05   107.05   119.37   196.35
 490.   407.35   404.57   389.62   364.07   305.71     7.07   161.32   135.57   142.30   202.58   434.45   103.19   111.90   195.97
 495.   407.71   396.17   382.33   361.02   293.12    53.27   157.00   134.25   149.13   203.22   439.21   100.12   111.12   195.35
 500.   401.38   388.86   369.67   353.29   290.90    52.68   154.92   136.00   136.07   202.77   433.43   103.70   109.70   194.77
 505.   398.43   387.69   366.77   349.90   289.90    85.05   148.95   122.51   133.45   196.72   420.52   102.39   112.02   194.20
 510.   396.45   382.52   362.12   345.62   285.02   149.07   150.47   123.03   134.65   192.50   423.05   100.15   111.51   193.32
 515.   387.52   367.19   365.07   341.64   284.71    53.71   143.55   121.10   128.24   193.20   400.14    94.45   105.71   192.57
 520.   385.50   364.84   362.02   345.07   291.63   -15.41   150.30   129.61   128.10   195.57   403.20    95.79   106.32   191.77
 525.   370.19   368.09   356.07   342.37   263.80   151.80   144.97   118.63   126.17   196.02   407.00   101.05   112.06   190.82
 530.   366.26   365.48   356.79   326.12   271.50   178.80   144.42   112.44   125.10   195.70   402.95    95.45   107.02   189.97
 535.   368.43   356.12   347.02   318.79   269.27   195.75   141.67   111.88   125.74   183.20   390.19    92.26   104.98   189.05
 540.   365.09   354.29   342.36   317.29   255.66   205.85   136.72   110.27   122.65   181.55   393.49    92.49   101.22   188.05
 545.   359.38   346.69   342.83   310.55   254.39   -86.74   130.09   115.00   121.02   180.32   380.74    92.98   103.61   187.37
 550.   355.95   344.21   338.71   315.49   241.29   -82.03   129.29   110.27   119.71   177.30   384.26    84.24    90.59   185.97
 555.   350.21   345.37   326.07   309.73   241.78    89.12   128.93   107.44   117.99   169.97   371.21    87.83   100.93   184.95
 560.   343.38   329.09   322.79   306.37   237.22   113.34   127.83   106.85   111.44   176.50   366.77    81.95    90.69   183.75
 565.   341.29   328.48   316.57   303.80   235.51   657.62   124.51   106.88   108.00   175.20   362.56    81.93    92.74   182.57
 570.   343.19   324.36   315.17   296.71   232.90   767.05   110.44   101.50   113.27   175.17   367.40    89.50    94.93   181.30
 575.   340.00   320.85   316.61   292.27   229.22   125.71   121.66   106.00   112.66   170.65   363.50    85.26    93.49   180.07
 580.   326.79   316.38   312.85   287.76   228.66    70.78   117.10    97.45   105.00   166.88   359.17    79.31    83.90   178.05
 585.   318.62   316.34   307.41   281.83   230.65    -5.13   120.27   103.05   103.95   159.95   355.31    81.52    90.57   177.55
 590.   313.93   310.95   303.41   277.58   218.97   178.10   119.90   100.05   109.07   160.52   351.31    79.34    92.31   176.25
 595.   315.54   307.00   293.71   271.95   202.68   188.72   118.93   101.22   104.90   154.80   347.74    79.41    84.50   174.92
 600.   311.24   302.76   293.39   267.17   205.37   183.57   114.39    96.86    95.50   153.17   344.09    70.64    90.02   173.52
 605.   307.22   291.52   288.19   261.00   203.61    64.64   115.07    92.69   100.61   151.47   340.69    73.89    83.24   172.17
 610.   294.26   294.49   284.07   256.73   198.66    49.71   109.02    93.71   103.10   152.85   345.27    70.74    91.57   170.00
 615.   296.71   290.63   279.66   252.76   198.75    23.00   109.54    93.40   102.10   148.95   342.32    78.51    80.26   169.42
 620.   289.88   284.88   271.93   248.90   202.38    35.24   111.24    95.67    97.45   144.10   339.07    77.06    88.79   168.15
 625.   285.07   279.98   268.93   245.49   196.57    76.93   107.56    93.12    96.00   141.72   327.76    77.54    84.17   166.00
 630.   284.93   275.29   266.05   243.51   196.57    55.85   105.15    87.81   100.76   144.22   325.05    76.95    89.30   165.52
 635.   281.56   274.49   263.19   239.78   189.92    12.25   103.93    85.71    97.55   137.70   322.33    72.08    80.40   164.22
 640.   279.24   269.27   261.12   235.39   188.47    83.52   103.27    84.86    95.45   135.20   319.90    67.40    79.83   163.02
 645.   273.19   266.22   257.51   232.34   184.75    86.90    97.59    83.21    92.64   135.05   317.05    72.00    72.32   161.75
 650.   270.15   264.83   251.98   231.95   176.72    80.31   103.54    86.76    91.29   137.32   314.76    70.95    80.26   160.50
 655.   266.24   260.68   246.88   231.50   175.45    48.76   102.32    83.07    93.07   134.72   312.05    71.83    81.95   159.15
 660.   266.61   256.44   243.58   228.35   174.55    14.75    97.26    84.24    92.07   135.15   317.12    73.46    83.52   157.82
 665.   262.17   253.58   237.85   225.45   175.30    53.22    97.40    84.93    90.90   127.05   314.93    66.33    78.71   156.52
 670.   255.88   248.10   232.95   222.70   171.25    31.71   100.15    83.98    88.40   125.29   312.61    72.27    83.02   155.22
 675.   254.83   245.88   230.54   218.32   166.90    94.38    95.36    83.69    87.29   121.98   309.90    65.24    73.27   153.95
 680.   250.73   244.68   228.83   218.00   161.40   100.29    93.31    82.36    87.07   120.93   307.37    71.95    79.57   152.63
 685.   246.56   239.37   226.22   215.30   164.20   124.93    95.50    80.93    87.33   120.70   305.12    73.00    83.31   151.30
 690.   244.34   236.51   226.57   206.71   162.92   125.44    93.93    81.93    85.80   116.95   303.02    65.26    74.02   150.05
 695.   240.83   232.80   224.15   205.24   162.25   121.83    93.09    80.33    87.80   116.19   293.64    63.45    74.95   148.67
 700.   235.78   230.24   225.02   205.58   159.22   107.63    93.57    77.64    83.57   112.00   291.93    64.05    79.15   147.42
 705.   233.73   228.15   218.70   203.05   157.32    94.17    93.64    78.05    86.36   115.85   296.88    64.81    78.32   146.15
 710.   232.10   230.10   217.17   199.54   155.42    97.31    92.24    78.93    87.76   114.63   295.05    64.69    77.83   144.77
 715.   229.72   222.80   214.65   201.70   152.97    87.02    99.09    79.51    84.19   112.76   292.80    62.50    77.51   143.50
 720.   227.57   223.75   205.22   200.45   147.50    93.31    87.90    74.98    78.79   112.54   290.98    71.24    78.34   142.30
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TIME       14       15       16       17       18       19       20       21       22       23       24       25       26       27
 725.   227.77   222.17   201.46   194.45   152.47   121.00    87.24    70.07    83.64   112.44   288.70    67.57    77.17   141.17
 730.   224.13   217.45   201.07   192.85   149.55   134.07    82.40    74.63    81.90   113.44   286.95    63.76    75.51   139.97
 735.   221.37   207.49   199.50   193.72   144.97   142.05    85.79    74.83    78.73   109.63   285.00    72.34    78.12   138.75
 740.   218.02   206.34   198.72   191.22   144.45   159.70    85.07    74.15    80.09   109.41   283.39    64.95    76.78   137.55
 745.   215.72   203.85   196.13   187.52   142.80   165.70    85.02    71.73    70.95   106.51   281.27    59.74    72.32   136.27
 750.   213.70   202.27   192.77   188.75   139.27   171.27    84.83    70.07    81.57   104.12   279.51    59.49    74.19   135.20
 755.   203.02   200.68   195.27   184.80   138.55   173.02    82.31    71.15    79.59   103.19   277.73    63.45    70.66   134.08
 760.   201.46   202.50   188.13   183.17   135.25   -35.03    83.00    73.93    76.98   100.85   276.10    57.56    66.52   129.56
 765.   201.93   200.87   187.67   184.15   134.82   -37.79    83.38    70.34    80.09    97.12   274.19    59.31    70.41   128.39
 770.   199.22   198.97   183.57   182.72   133.90   -39.02    79.88    65.95    70.68   100.80   272.60    56.44    63.31   127.27
 775.   200.45   193.45   182.45   181.40   135.90   -35.31    80.24    64.88    75.41    96.64   271.12    58.05    64.06   126.05
 780.   195.97   189.47   182.63   179.13   135.82   -49.55    80.38    67.52    78.37    93.45   269.29    58.15    63.95   124.88
 785.   194.00   191.15   178.85   178.65   125.10   -37.28    80.69    71.19    77.32    96.00   267.63    61.69    72.49   123.00
 790.   194.00   189.65   178.65   174.75   124.39   -35.97    80.67    67.19    75.44    97.09   266.24    61.06    65.02   122.63
 795.   191.57   187.42   179.22   172.85   126.22   -35.79    78.57    71.05    74.54    93.67   264.05    58.07    67.12   121.54
 800.   192.15   187.65   177.67   172.50   128.93   -35.44    77.83    67.24    73.78    94.21   263.29    54.63    58.29   120.51
 805.   188.52   182.95   175.47   171.32   126.22   -35.54    76.02    66.07    73.12    94.12   261.66    58.29    62.93   119.42
 810.   184.97   182.95   172.10   169.80   136.10   -37.31    77.44    62.36    76.15    93.52   260.00    58.90    71.39   118.37
 815.   188.17   182.17   167.17   167.02   134.65   -36.95    77.66    67.00    76.07    89.71   258.03    58.41    64.59   117.37
 820.   186.25   181.25   168.37   165.17   125.22   -33.61    78.68    62.62    78.32    93.21   257.46    58.05    69.73   116.34
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TIME      28      29      30      31      32      33      34      35      36      37      38      39      40      41
   0.   25.80   26.27   19.29 9503.79    0.00   -0.01   -0.01    0.28    0.00    0.00    0.00    3.39   21.00   -1.22
   0.   25.85   26.27   29.48 9509.39   -0.00   -0.01   -0.01    0.20    0.00    0.00    0.00    0.25   20.85   -0.20
   0.   26.07   26.40   40.04 9492.59    0.00   -0.01   -0.01   -0.14    0.00    0.00    0.00    3.49   21.00    0.68
   0.   26.15   26.63   50.23 9512.20   -0.00   -0.00   -0.01    0.12    0.00    0.00    0.00    4.92   20.99   -0.60
   0.   26.15   26.60   59.47 9512.20    0.00   -0.00   -0.01    0.00    0.00    0.00    0.00    3.00   20.99    1.90
   0.   26.00   26.32   69.65 9554.21    0.00   -0.00   -0.01   -0.27    0.00    0.00    0.00    0.23   20.84   -0.65
   5.   28.75   28.47   10.06 9537.40    0.00   -0.00   -0.00    0.38    0.00    0.00    0.00    2.23   20.92    1.43
  10.   29.60   29.38   19.29 9534.60    0.01   -0.00    0.01    0.69    0.00    0.00    0.00    1.56   20.90    0.81
  15.   31.76   30.58   29.48 9537.40    0.01    0.01    0.03    0.45    0.00    0.00    0.00   -2.81   20.89    0.90
  20.   44.05   41.02   40.04 9543.01    0.03    0.02    0.06   -0.15    0.00    0.00    0.00    1.33   20.79    5.56
  25.   40.98   38.37   50.23 9523.40    0.05    0.04    0.11   -0.30    0.00    0.00    0.00   -0.03   20.53    2.98
  30.   55.05   51.54   59.47 9464.58    0.11    0.10    0.24   -0.22    0.00    0.00    0.00   -2.75   20.55    4.89
  35.   72.71   64.38   69.65 9458.98    0.25    0.23    0.59   -0.03    0.00    0.00    0.00    3.16   20.34    3.47
  40.  126.22  104.51   10.06 9360.94    0.45    0.52    1.09    3.92    0.00    0.00    0.00    0.67   20.02   11.77
  45.  203.00  174.70   19.30 9243.30    0.65    0.89    1.88    3.41    0.00    0.00    0.00   -0.35   19.21   17.17
  50.  228.85  228.10   29.48 9114.45    0.75    1.16    2.96    2.18    0.00    0.00    0.00   -4.24   18.06    8.67
  55.  254.54  236.00   40.05 9033.23    0.70    0.97    2.99   -0.72    0.00    0.00    0.00    1.30   16.11   11.15
  60.  264.66  252.29   50.23 8970.77    0.80    0.79    3.24   -0.96    0.00    0.00    0.00    3.36   13.93    9.30
  65.  239.95  243.46   59.48 8775.53    0.84    0.67    3.37   -1.15    0.00    0.00    0.00    2.83   11.61    8.71
  70.  229.58  231.47   69.66 8601.87    0.83    0.60    3.45   -1.08    0.00    0.00    0.00    1.33   10.70    7.23
  75.  275.54  259.93   10.07 8492.63    0.94    0.59    4.22    4.11    0.00    0.00    0.00   -0.78    9.67   12.56
  80.  263.19  260.49   19.31 8332.98    1.01    0.60    4.70    4.05    0.00    0.00    0.00    0.80    9.10   11.22
  85.  301.56  287.95   29.49 8209.73    1.08    0.58    4.77    3.04    0.00    0.00    0.00    1.38    8.59   10.21
  90.  292.98  291.31   40.07 8090.89    1.17    0.57    4.79   -0.35    0.00    0.00    0.00   -0.01    7.93   12.29
  95.  319.07  316.02   50.24 7910.02    1.21    0.57    5.24   -1.11    0.00    0.00    0.00    9.55    7.42   10.94
 100.  329.07  324.02   59.48 7775.57    1.23    0.55    5.10   -1.42    0.00    0.00    0.00    0.47    7.04   13.07
 105.  321.24  315.36   69.68 7646.73    1.27    0.55    5.43   -1.39    0.00    0.00    0.00    7.08    6.92    7.60
 110.  342.63  323.81   10.08 7543.69    1.34    0.54    5.26    5.34    0.00    0.00    0.00   -0.51    7.00    6.48
 115.  345.67  346.34   19.31 7422.65    1.47    0.55    5.61    4.43    0.00    0.00    0.00   -0.50    7.09   11.25
 120.  367.24  355.24   29.49 7279.80    1.51    0.54    5.42    3.01    0.00    0.00    0.00    3.42    7.08   12.14
 125.  356.81  353.95   40.06 7187.36    1.56    0.54    5.40   -0.47    0.00    0.00    0.00    0.20    7.19    9.59
 130.  362.39  364.24   50.24 7050.11    1.65    0.55    5.69   -1.06    0.00    0.00    0.00    1.82    7.29    7.64
 135.  386.43  369.98   59.48 6921.27    1.71    0.56    5.87   -1.34    0.00    0.00    0.00    0.03    7.45   14.63
 140.  382.67  366.72   69.67 6814.84    1.76    0.56    5.87   -1.36    0.00    0.00    0.00    0.31    7.51   15.50
 145.  364.26  366.23   10.08 6680.39    1.73    0.55    5.89    5.40    0.00    0.00    0.00   -2.42    7.73   15.63
 150.  383.02  368.84   19.31 6590.75    1.77    0.57    5.99    4.42    0.00    0.00    0.00    2.72    7.64   11.27
 155.  364.09  362.28   29.50 6456.30    1.78    0.57    6.14    3.17    0.00    0.00    0.00    3.01    7.82   11.75
 160.  394.33  381.52   40.06 6347.06    1.82    0.58    6.27   -0.71    0.00    0.00    0.00    0.42    7.70   12.38
 165.  365.72  363.26   50.25 6257.43    1.88    0.58    6.12   -1.00    0.00    0.00    0.00    0.24    7.81   12.66
 170.  398.83  389.48   59.49 6156.60    1.91    0.59    6.32   -1.39    0.00    0.00    0.00    0.08    7.86   12.44
 175.  389.74  385.36   69.67 5999.74    1.94    0.59    6.45   -1.28    0.00    0.00    0.00   -0.29    7.91    9.56
 180.  407.12  395.81   10.07 5932.52    2.01    0.62    6.62    5.72    0.00    0.00    0.00   -7.27    8.35   14.29
 185.  401.63  402.55   19.31 5834.48    2.00    0.64    6.83    4.68    0.00    0.00    0.00  -13.09    8.30   12.67
 190.  422.98  401.79   29.50 5708.44    2.09    0.65    6.70    3.02    0.00    0.00    0.00  -13.31    8.36   13.33
 195.  397.45  396.05   40.06 5596.39    2.12    0.64    6.66    0.72    0.00    0.00    0.00  -10.21    8.45   10.70
 200.  409.88  402.40   50.25 5501.16    2.14    0.64    6.64   -1.21    0.00    0.00    0.00   -9.85    8.51   11.62
 205.  422.98  408.00   59.48 5419.93    2.20    0.65    6.71   -1.35    0.00    0.00    0.00  -13.93    8.57    9.66
 210.  435.83  407.72   69.66 5299.49    2.16    0.65    6.70   -1.46    0.00    0.00    0.00   -9.37    8.81   12.15
 215.  410.26  409.71   10.07 5215.46    2.22    0.66    6.63    5.89    0.00    0.00    0.00    3.64    8.62    8.07
 220.  433.84  429.19   19.31 5117.43    2.33    0.65    6.53    4.47    0.00    0.00    0.00   12.61    8.74   12.58
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TIME      28       29       30      31         32       33       34       35       36       37       38       39       40       41
 225.   434.59   435.00   29.49  4991.38     2.42     0.66     6.76     2.97     0.00     0.00     0.00    14.28     8.97    11.21
 230.   457.91   458.57   40.06  4893.35     2.54     0.68     7.03     0.54     0.00     0.00     0.00    13.06     8.94    14.23
 235.   438.65   436.72   50.24  4781.31     2.50     0.69     7.23    -1.24     0.00     0.00     0.00   -11.09     9.06    16.60
 240.   453.81   431.39   59.47  4666.47     2.43     0.71     7.40    -1.37     0.00     0.00     0.00    -4.50     9.55    12.81
 245.   431.86   435.93   69.67  4582.43     2.49     0.73     7.51    -1.43     0.00     0.00     0.00    -8.24     9.54    12.44
 250.   437.79   432.19   10.07  4434.40     2.37     0.72     7.11     5.97     0.00     0.00     0.00    -8.78     9.03    12.80
 255.   437.58   435.36   19.31  4375.16     2.47     0.72     6.94     4.72     0.00     0.00     0.00    -2.17     8.67     9.64
 260.   451.43   438.33   29.50  4285.53     2.52     0.71     6.87     3.13     0.00     0.00     0.00    -1.20     7.07    12.53
 265.   439.07   435.60   40.06  4193.10     2.45     0.69     6.85    -0.89     0.00     0.00     0.00     0.18     6.79     9.59
 270.   459.05   439.30   50.23  4114.67     2.49     0.69     6.87    -1.12     0.00     0.00     0.00     2.69     6.95    14.21
 275.   467.44   454.42   59.47  4008.23     2.66     0.69     6.94    -1.18     0.00     0.00     0.00     2.91     7.49    12.18
 280.   452.56   452.79   69.65  3901.79     2.72     0.70     7.04    -1.35     0.00     0.00     0.00     3.02     7.57    13.63
 285.   451.63   458.09   10.07  3820.56     2.63     0.72     7.05     6.22     0.00     0.00     0.00     2.89     7.60    11.57
 290.   464.65   460.93   19.30  3728.13     2.65     0.72     7.09     4.65     0.00     0.00     0.00     2.90     8.03     9.64
 295.   501.19   473.25   29.49  3621.69     2.64     0.74     7.10     2.08     0.00     0.00     0.00     2.96     8.25    10.78
 300.   464.42   458.14   40.05  3518.06     2.56     0.73     7.11    -0.43     0.00     0.00     0.00     2.98     8.49    11.68
 305.   462.79   454.42   50.23  3467.64     2.59     0.70     6.74    -1.06     0.00     0.00     0.00     2.81     8.57    13.59
 310.   460.93   453.72   59.48  3378.01     2.54     0.70     6.91    -1.34     0.00     0.00     0.00     3.08     8.21    11.68
 315.   464.65   450.93   69.65  3265.97     2.50     0.70     6.65    -1.37     0.00     0.00     0.00     2.87     8.52    12.36
 320.   455.58   439.77   10.07  3195.94     2.52     0.67     6.58     6.23     0.00     0.00     0.00     2.85     8.52    12.19
 325.   451.63   456.67   19.31  3120.31     2.55     0.66     6.22     4.63     0.00     0.00     0.00     2.94     8.87    13.24
 330.   455.00   433.02   29.49  3033.48     2.49     0.63     6.11     3.28     0.00     0.00     0.00     2.80     9.49     9.14
 335.   455.48   439.52   40.05  2974.66     2.53     0.62     6.09    -0.43     0.00     0.00     0.00     2.85     9.85    11.21
 340.   456.43   435.81   50.24  2890.63     2.47     0.60     5.77    -1.14     0.00     0.00     0.00     2.74    10.04    12.63
 345.   458.57   460.00   59.47  2815.00     2.39     0.59     5.64    -1.42     0.00     0.00     0.00     2.76    10.43    12.30
 350.   452.38   432.79   69.66  2742.18     2.38     0.58     5.57    -1.37     0.00     0.00     0.00     2.74    10.86    11.32
 355.   438.71   434.17   10.08  2666.55     2.33     0.56     5.28     6.07     0.00     0.00     0.00     2.62    11.25    12.89
 360.   433.67   436.52   19.31  2604.93     2.32     0.55     5.19     4.57     0.00     0.00     0.00     2.54    11.51    12.24
 365.   437.55   427.48   29.49  2532.10     2.30     0.53     4.98     2.87     0.00     0.00     0.00     2.59    11.78     9.67
 370.   438.88   426.38   40.05  2470.48     2.25     0.51     4.86     0.63     0.00     0.00     0.00     2.48    12.04     9.93
 375.   425.64   421.81   50.24  2420.06     2.22     0.50     4.75    -1.26     0.00     0.00     0.00     2.44    12.12     9.13
 380.   403.38   410.19   59.48  2355.64     2.11     0.48     4.67    -1.33     0.00     0.00     0.00     2.35    12.41    12.36
 385.   427.57   403.21   69.67  2305.22     2.04     0.46     4.38    -1.29     0.00     0.00     0.00     2.32    12.64    10.36
 390.   422.05   408.09   10.07  2246.40     2.03     0.45     4.30     5.76     0.00     0.00     0.00     2.24    12.90     7.41
 395.   396.76   388.40   19.31  2212.79     1.96     0.43     4.13     4.29     0.00     0.00     0.00     2.17    13.07    12.26
 400.   408.14   394.45   29.49  2142.77     1.90     0.41     3.89     2.76     0.00     0.00     0.00     2.14    13.28    12.84
 405.   409.81   390.38   40.06  2086.75     1.83     0.40     3.79    -0.63     0.00     0.00     0.00     2.17    13.40     8.32
 410.   395.93   390.24   50.25  2013.92     1.80     0.39     3.66    -1.17     0.00     0.00     0.00     2.10    13.59    12.68
 415.   400.62   385.26   59.47  1969.10     1.75     0.37     3.47    -1.29     0.00     0.00     0.00     2.10    13.80    12.70
 420.   382.98   380.62   69.66  1957.90     1.67     0.36     3.31    -1.23     0.00     0.00     0.00     1.91    14.15     9.38
 425.   383.33   364.46   10.07  1924.29     1.63     0.34     3.20     5.55     0.00     0.00     0.00     1.89    14.52     7.95
 430.   381.12   361.98   19.31  1843.66     1.59     0.33     3.00     4.38     0.00     0.00     0.00     1.99    14.76    10.21
 435.   367.12   365.52   29.49  1826.25     1.57     0.31     2.94     2.59     0.00     0.00     0.00     1.96    14.90     9.72
 440.   362.21   358.67   40.06  1770.64     1.51     0.30     2.84    -0.79     0.00     0.00     0.00     1.86    15.16    12.93
 445.   353.05   356.52   50.25  1747.02     1.48     0.29     2.72    -1.17     0.00     0.00     0.00     1.71    15.41     6.02
 450.   361.33   348.64   59.49  1697.41     1.45     0.28     2.62    -1.15     0.00     0.00     0.00     1.74    15.69    11.49
 455.   351.26   345.05   69.67  1658.19     1.36     0.27     2.53    -1.25     0.00     0.00     0.00     1.61    15.87    11.76
 460.   347.55   344.71   10.07  1630.58     1.31     0.26     2.40     5.23     0.00     0.00     0.00     1.44    16.04    10.60
 465.   344.22   342.80   19.31  1602.17     1.28     0.25     2.31     4.01     0.00     0.00     0.00     1.34    16.15     9.55
 470.   346.03   347.66   29.49  1585.37     1.25     0.24     2.24     2.34     0.00     0.00     0.00     1.29    16.35     9.47
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TIME      28       29        30      31        32      33      34      35      36      37      38      39      40      41
 475.   328.98   327.69    40.06  1557.36    1.19    0.23    2.14   -0.70    0.00    0.00    0.00    1.24   16.65    9.80
 480.   340.12   338.58    50.24  1498.54    1.14    0.22    2.03   -1.02    0.00    0.00    0.00    1.21   16.86    8.53
 485.   328.48   311.59    59.48  1478.93    1.12    0.21    1.97   -1.21    0.00    0.00    0.00    1.17   17.04    9.12
 490.   314.33   316.69    69.66  1462.12    1.13    0.21    1.94   -1.23    0.00    0.00    0.00    1.15   17.19    8.90
 495.   317.24   316.78    10.08  1420.11    1.07    0.20    1.81    5.01    0.00    0.00    0.00    1.10   17.38    7.28
 500.   315.10   312.41    19.31  1414.50    1.02    0.19    1.75    3.92    0.00    0.00    0.00    1.09   17.55   10.98
 505.   302.95   311.88    29.49  1380.89    1.00    0.19    1.70    2.02    0.00    0.00    0.00    1.03   17.68   10.52
 510.   302.80   306.73    40.05  1352.88    0.96    0.18    1.62   -0.71    0.00    0.00    0.00    1.01   17.89    8.93
 515.   294.17   293.88    50.24  1319.27    0.95    0.18    1.59   -1.07    0.00    0.00    0.00    1.01   18.09    5.87
 520.   295.29   284.93    59.48  1310.87    0.91    0.16    1.57   -1.15    0.00    0.00    0.00    0.97   18.13    8.26
 525.   290.63   287.15    69.66  1305.27    0.89    0.16    1.50   -1.19    0.00    0.00    0.00    0.94   18.15    9.37
 530.   283.02   284.54    10.07  1296.86    0.82    0.16    1.45    4.80    0.00    0.00    0.00    0.91   18.28    6.99
 535.   285.58   278.12    19.32  1260.45    0.84    0.16    1.41    3.63    0.00    0.00    0.00    0.88   18.41    8.59
 540.   258.41   280.37    29.50  1224.04    0.78    0.15    1.31    1.69    0.00    0.00    0.00    0.90   18.60    5.81
 545.   268.93   272.00    40.06  1238.04    0.78    0.14    1.26   -0.72    0.00    0.00    0.00    0.79   18.77    8.08
 550.   247.63   260.05    50.24  1215.63    0.74    0.14    1.19   -1.11    0.00    0.00    0.00    0.76   18.39    9.37
 555.   252.00   263.66    59.48  1221.24    0.70    0.13    1.17   -1.19    0.00    0.00    0.00    0.76   18.26   13.10
 560.   252.46   255.80    69.67  1179.22    0.65    0.13    1.10   -1.15    0.00    0.00    0.00    0.77   18.28   10.20
 565.   244.68   250.17    10.07  1173.62    0.65    0.12    1.10    4.35    0.00    0.00    0.00    0.74   18.37    7.00
 570.   246.83   240.80    19.31  1179.22    0.63    0.12    1.08    3.34    0.00    0.00    0.00    0.72   18.44    7.01
 575.   232.92   234.61    29.49  1162.41    0.60    0.12    1.03    1.52    0.00    0.00    0.00    0.68   18.50    7.14
 580.   235.10   236.83    40.06  1120.40    0.65    0.12    0.99   -0.68    0.00    0.00    0.00    0.71   18.56    4.83
 585.   232.50   229.83    50.24  1131.60    0.59    0.11    0.98   -1.08    0.00    0.00    0.00    0.61   18.68    9.08
 590.   230.29   232.70    59.48  1123.20    0.56    0.11    0.94   -1.18    0.00    0.00    0.00    0.60   18.74    8.54
 595.   204.29   223.97    69.67  1106.40    0.53    0.10    0.89   -1.10    0.00    0.00    0.00    0.59   18.87    6.82
 600.   217.30   222.07    10.07  1083.99    0.52    0.10    0.89    4.15    0.00    0.00    0.00    0.59   18.95    9.43
 605.   218.45   223.85    19.31  1109.20    0.47    0.10    0.85    3.00    0.00    0.00    0.00    0.58   19.03    6.92
 610.   202.34   214.40    29.50  1081.19    0.47    0.10    0.81    1.13    0.00    0.00    0.00    0.57   19.14    9.53
 615.   199.54   208.27    40.06  1058.78    0.46    0.10    0.82   -0.80    0.00    0.00    0.00    0.53   19.20    6.40
 620.   216.05   204.17    50.24  1072.78    0.44    0.10    0.79   -1.03    0.00    0.00    0.00    0.53   19.26    6.05
 625.   204.68   201.58    59.48  1069.98    0.47    0.09    0.76   -1.09    0.00    0.00    0.00    0.50   19.37    6.47
 630.   197.82   202.97    69.67  1053.18    0.40    0.09    0.75   -1.09    0.00    0.00    0.00    0.49   19.35    8.44
 635.   190.75   201.67    10.07  1061.58    0.39    0.09    0.74    3.88    0.00    0.00    0.00    0.49   19.36    7.69
 640.   200.97   199.62    19.32  1050.38    0.33    0.09    0.68    2.83    0.00    0.00    0.00    0.49   19.41    7.92
 645.   195.00   194.32    29.50  1053.18    0.38    0.09    0.65    0.81    0.00    0.00    0.00    0.47   19.50    7.51
 650.   181.67   183.70    40.06  1050.38    0.36    0.09    0.66   -0.81    0.00    0.00    0.00    0.46   19.55    6.19
 655.   176.17   187.50    50.25  1025.17    0.35    0.09    0.64   -0.99    0.00    0.00    0.00    0.46   19.59    6.33
 660.   182.20   184.85    59.48  1019.56    0.30    0.09    0.64   -1.08    0.00    0.00    0.00    0.45   19.61    6.20
 665.   188.63   187.38    69.67  1016.76    0.32    0.08    0.64   -1.17    0.00    0.00    0.00    0.41   19.58    4.92
 670.   182.67   174.27    10.08   999.96    0.31    0.08    0.64    3.64    0.00    0.00    0.00    0.40   19.60    6.82
 675.   159.40   175.35    19.31  1002.76    0.32    0.08    0.60    2.62    0.00    0.00    0.00    0.41   19.64    4.69
 680.   160.45   169.35    29.50   994.36    0.29    0.08    0.57    1.16    0.00    0.00    0.00    0.40   19.66    3.60
 685.   169.20   171.22    40.06  1005.56    0.26    0.07    0.58   -0.62    0.00    0.00    0.00    0.39   19.73    2.98
 690.   163.57   168.55    50.25  1008.36    0.27    0.07    0.54   -0.94    0.00    0.00    0.00    0.39   19.75    4.74
 695.   166.75   166.57    59.48  1011.16    0.29    0.07    0.52   -1.14    0.00    0.00    0.00    0.41   19.79    6.29
 700.   161.75   165.55    69.68  1005.56    0.26    0.06    0.55   -0.97    0.00    0.00    0.00    0.36   19.81    4.99
 705.   161.10   169.25    10.08   999.96    0.25    0.06    0.55    3.36    0.00    0.00    0.00    0.36   19.80    7.89
 710.   158.15   163.67    19.32  1005.56    0.23    0.06    0.53    2.43    0.00    0.00    0.00    0.36   19.78    3.77
 715.   158.77   166.52    29.50  1002.76    0.24    0.06    0.53    0.80    0.00    0.00    0.00    0.36   19.81    5.78
 720.   152.50   155.67    40.07  1002.76    0.25    0.05    0.51   -0.58    0.00    0.00    0.00    0.35   19.85    5.65
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TIME      28      29      30      31      32      33      34      35      36      37      38      39      40      41
 725.  152.47  158.02   50.24   985.95   0.22    0.06    0.52   -0.98    0.00    0.00    0.00    0.35   19.85    6.45
 730.  145.90  158.20   59.48   969.15   0.23    0.06    0.51   -1.04    0.00    0.00    0.00    0.34   19.83    1.90
 735.  156.32  152.27   69.68  1005.56   0.21    0.06    0.49   -0.99    0.00    0.00    0.00    0.34   19.83    5.42
 740.  148.00  152.67   10.09   991.55   0.22    0.06    0.50    3.23    0.00    0.00    0.00    0.33   19.88    5.22
 745.  147.82  148.52   19.31   993.15   0.18    0.06    0.49    2.18    0.00    0.00    0.00    0.33   19.92    7.47
 750.  140.32  145.00   29.50  1002.76   0.19    0.06    0.47    0.81    0.00    0.00    0.00    0.32   19.92    3.63
 755.  140.45  145.77   40.06   980.35   0.20    0.05    0.48   -0.56    0.00    0.00    0.00    0.32   19.92    4.22
 760.  139.52  139.85   50.24  1002.76   0.22    0.05    0.46   -0.81    0.00    0.00    0.00    0.31   19.95    3.61
 765.  126.76  138.50   59.48   994.36   0.27    0.05    0.46   -1.00    0.00    0.00    0.00    0.30   19.97    4.60
 770.  136.92  143.77   69.67   985.95   0.21    0.05    0.44   -0.90    0.00    0.00    0.00    0.30   19.94    6.54
 775.  139.22  144.40   10.08   980.35   0.19    0.05    0.45    3.06    0.00    0.00    0.00    0.30   19.97    5.33
 780.  138.10  141.47   19.32   994.36   0.17    0.05    0.45    2.07    0.00    0.00    0.00    0.30   19.99    4.41
 785.  120.85  134.65   29.50   980.35   0.15    0.05    0.45    0.91    0.00    0.00    0.00    0.30   19.99    5.72
 790.  133.35  135.82   40.07   985.95   0.17    0.05    0.44   -0.58    0.00    0.00    0.00    0.29   20.01    2.94
 795.  134.25  135.92   50.25   980.35   0.17    0.05    0.43   -0.69    0.00    0.00    0.00    0.20   20.03    3.49
 800.  135.45  139.13   59.48   980.35   0.17    0.05    0.42   -0.87    0.00    0.00    0.00    0.28   20.05    2.17
 805.  124.95  137.25   69.66  1002.76   0.17    0.05    0.42   -0.91    0.00    0.00    0.00    0.28   20.10    3.04
 810.  135.05  135.25   10.07   980.35   0.16    0.05    0.42    2.89    0.00    0.00    0.00    0.27   20.13    3.33
 815.  126.56  128.49   19.30   983.15   0.16    0.05    0.41    1.93    0.00    0.00    0.00    0.27   20.15    3.43
 820.  121.95  124.44   29.49   988.75   0.17    0.05    0.49    0.74    0.00    0.00    0.00    0.27   20.17    2.55
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TIME        42        43        44        45        46        47        48
   0.     1.13     -1.28     -0.04     -0.39      1.09      0.00      0.00
   0.     0.21     -0.82      1.57     -1.32      1.03      0.00      0.00
   0.    -0.94      3.57     -2.78      0.61     -0.43      0.00      0.00
   0.     0.67     -1.19      0.73      0.38     -1.23      0.00      0.00
   0.    -1.76      1.36     -1.07      0.76      0.64      0.00      0.00
   0.     0.68     -1.65      1.59     -0.04     -1.11      0.00      0.00
   5.    -0.01      0.29     -0.96     -2.14      0.41      0.00      5.00
  10.     0.76     -0.76      0.54     -0.24     -0.11      0.00     10.00
  15.     0.75      1.52     -1.69     -2.01     -1.70      0.00     15.00
  20.     5.09     -0.66      0.53     -2.61      3.53      0.00     20.00
  25.     2.57      1.93     -3.70     -2.14     -0.91      0.01     25.00
  30.     3.77      0.31     -0.03     -1.34      0.80      0.02     30.00
  35.     7.13     -0.11      4.74     -0.38      1.27      0.09     35.00
  40.     5.86     -0.92     -1.94     -1.25      1.67      0.24     40.00
  45.     6.15      3.06      2.78     -2.50      2.34      0.91     45.00
  50.     6.46      3.30     -1.59      0.77     -1.44      2.42     50.00
  55.    11.55      2.06     -1.00     -1.80     -0.53      4.18     55.00
  60.     8.60      1.57      1.42     -3.13     -0.46      6.41     60.00
  65.     6.72      0.89     -1.31     -1.36     -0.76      8.04     65.00
  70.    11.66      2.11      2.45     -2.80      1.43      8.41     70.00
  75.     4.27      1.04      0.57     -1.25     -1.42      9.27     75.00
  80.    11.78      4.86     -0.40     -1.46     -5.58      9.46     80.00
  85.    13.97      0.62      1.88     -2.31     -1.66      9.92     85.00
  90.     7.11      4.05     -1.36     -2.50     -4.69     10.43     90.00
  95.     8.38      3.95     -2.44     -1.19     -6.24     10.76     95.00
 100.     5.23      5.96      1.11      0.01     -1.34     10.99    100.00
 105.    14.16     -0.88      0.28     -2.99     -3.32     11.13    105.00
 110.    11.14      3.88      2.53     -4.22      0.24     10.92    110.00
 115.    10.42      1.69      1.02     -3.93     -2.63     11.14    115.00
 120.     9.05      4.71     -0.04     -2.06     -3.35     11.01    120.00
 125.     9.90      5.73     -0.13     -2.46     -0.97     10.95    125.00
 130.     9.82      3.42      0.62     -1.48      1.28     11.05    130.00
 135.     9.76      2.05     -1.60     -1.94     -0.97     10.71    135.00
 140.     6.51      5.51     -0.45     -1.11     -0.10     10.81    140.00
 145.     8.21      0.79     -0.26      0.47     -0.92     10.88    145.00
 150.    10.21      3.97     -2.79      1.56     -1.14     11.04    150.00
 155.     8.23      6.45     -3.64      1.20     -3.18     10.76    155.00
 160.    10.68      2.42     -0.01     -4.17     -2.95     10.86    160.00
 165.    11.16      3.67     -1.85     -2.03     -2.10     10.85    165.00
 170.     4.88      3.61      2.23     -2.82      0.42     10.82    170.00
 175.    10.55      3.18      0.60     -1.60     -7.19     10.75    175.00
 180.     6.56      7.69     -1.36     -3.43     -2.71     10.54    180.00
 185.     8.31      3.63     -0.38      0.02     -3.29     10.51    185.00
 190.     8.14      4.52     -1.50     -3.42     -1.02     10.60    190.00
 195.    10.96      0.95      3.05     -2.86     -4.72     10.48    195.00
 200.    11.66      2.03      1.23      0.39     -5.01     10.47    200.00
 205.    12.39      5.16     -1.38      1.83     -6.54     10.45    205.00
 210.     9.63      5.60     -0.16     -1.66     -3.33     10.33    210.00
 215.    12.76      2.05      2.93     -3.57     -1.42     10.50    215.00
 220.    10.38      2.37      1.03     -1.85     -2.02     10.33    220.00
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TIME        42       43       44       45       46       47       48
 225.      9.62     5.39    -0.65    -2.50    -2.45    10.09   225.00
 230.      7.76     6.77    -1.68     1.89    -4.30    10.32   230.00
 235.      6.79     5.25    -1.66    -2.00    -0.53     9.91   235.00
 240.      8.96     5.63    -0.71     1.39    -6.74     9.67   240.00
 245.      9.42     3.62     0.46    -1.44    -1.46     9.84   245.00
 250.      8.98     2.98     1.98    -2.45    -2.84    10.22   250.00
 255.     11.05     3.38     0.65    -2.58    -3.55    11.43   255.00
 260.      8.80     5.49    -0.97    -1.06    -0.30    12.33   260.00
 265.     13.76     1.13     1.47    -1.84    -3.92    12.25   265.00
 270.      7.38     5.69    -0.10    -2.33    -3.71    12.01   270.00
 275.      9.71     2.89    -0.14    -0.34    -1.00    11.44   275.00
 280.      7.88     3.87     0.72    -0.75    -2.05    11.56   280.00
 285.     11.64     3.52     0.44     0.20    -0.68    11.42   285.00
 290.     15.62     1.61     1.22    -3.13    -3.26    11.03   290.00
 295.     10.19     6.23    -0.69    -1.77    -3.78    11.03   295.00
 300.     12.79     1.32     1.78    -2.79    -4.00    10.35   300.00
 305.      9.85     6.19     0.01    -0.88    -4.39    10.92   305.00
 310.      8.51     4.75     0.39    -1.13    -3.78    11.11   310.00
 315.      8.46     3.57    -0.44     0.35    -2.45    10.60   315.00
 320.     10.03     2.67     1.96    -1.65    -2.71    10.57   320.00
 325.      9.36     5.40    -0.77    -2.24    -1.01    10.24   325.00
 330.     11.64     4.75    -0.67    -0.92    -2.49     9.58   330.00
 335.      9.65     4.31    -0.29    -1.82    -3.10     9.37   335.00
 340.     12.48    -0.50     0.92    -0.04    -3.03     9.19   340.00
 345.      8.99     5.13    -0.88     0.66    -2.87     8.60   345.00
 350.     10.65     3.03     1.74    -2.16    -2.23     8.39   350.00
 355.      7.99     2.23     0.31    -1.90    -2.45     7.79   355.00
 360.     10.12     3.33     0.19    -1.30    -1.95     7.62   360.00
 365.     14.28     0.23    -0.98    -0.58    -5.46     7.30   365.00
 370.      9.96     3.63     0.45    -0.99    -5.61     7.11   370.00
 375.     10.29     2.89    -0.19    -1.11    -3.27     6.95   375.00
 380.      8.74     4.46    -2.19    -1.42    -5.08     6.56   380.00
 385.     11.60     1.19     2.23    -3.36    -4.27     6.25   385.00
 390.     12.40     2.01    -0.21    -1.58    -3.72     5.97   390.00
 395.     11.78     0.95     1.94    -3.33    -2.01     5.85   395.00
 400.      5.02     4.77    -0.57     0.12    -3.72     5.54   400.00
 405.      9.69     1.64    -0.15    -0.54    -4.27     5.46   405.00
 410.      6.88     4.54    -1.86    -2.34    -2.43     5.19   410.00
 415.      9.70     2.01     1.51    -0.85    -6.07     4.95   415.00
 420.      8.83     3.88    -0.47    -2.62    -2.63     4.69   420.00
 425.     10.93     0.13     2.36    -1.54    -1.91     4.34   425.00
 430.     10.16    -0.99     2.88    -4.27    -0.36     4.16   430.00
 435.      8.32     4.34    -1.24    -1.56    -2.14     3.95   435.00
 440.      7.25     3.63    -0.15    -0.85    -2.00     3.78   440.00
 445.      9.32     2.46     1.01    -3.31    -1.56     3.54   445.00
 450.      7.91     4.18    -3.31    -1.62    -0.60     3.28   450.00
 455.      8.71     1.64     1.42    -3.55    -1.68     3.18   455.00
 460.      8.01     2.98    -0.50    -2.51    -2.50     3.00   460.00
 465.      7.63     3.50    -0.18    -0.22    -4.26     2.76   465.00
 470.      9.57     3.14    -0.29    -0.23    -2.63     2.56   470.00
```

TIME	42	43	44	45	46	47	48
475.	7.33	3.55	0.27	-3.33	-1.24	2.27	475.00
480.	8.67	2.30	0.50	-1.48	-3.20	2.13	480.00
485.	8.19	3.27	-1.52	-0.64	-3.49	1.94	485.00
490.	8.92	3.44	-0.84	-2.01	-0.63	1.85	490.00
495.	9.35	1.97	-0.23	-1.31	-2.16	1.66	495.00
500.	6.96	3.39	-2.17	1.17	-2.97	1.59	500.00
505.	6.57	1.56	1.54	-2.90	-1.69	1.42	505.00
510.	6.52	4.16	0.16	-2.20	-2.01	1.25	510.00
515.	10.56	3.01	-0.93	-0.99	-5.07	1.10	515.00
520.	9.72	0.19	0.93	-1.74	-1.49	1.20	520.00
525.	7.86	2.36	-0.74	-0.72	-3.45	1.08	525.00
530.	4.32	1.65	0.51	-2.59	-1.55	0.95	530.00
535.	5.78	3.38	1.14	-3.84	-0.85	0.81	535.00
540.	9.37	1.83	0.38	-1.73	-0.73	0.69	540.00
545.	7.06	2.97	-0.62	-2.40	-0.18	0.57	545.00
550.	5.89	2.24	-0.08	-2.71	-0.30	1.14	550.00
555.	3.24	5.56	-2.02	0.07	-2.26	1.02	555.00
560.	5.92	3.42	-1.16	-0.89	-3.26	1.00	560.00
565.	6.01	2.35	-0.94	-1.28	-1.79	0.90	565.00
570.	4.27	1.29	0.63	-1.77	-3.39	0.86	570.00
575.	8.39	0.32	1.12	-2.03	-2.35	0.82	575.00
580.	7.83	3.22	-2.98	-2.10	-4.55	0.74	580.00
585.	5.38	4.73	-2.65	0.67	-3.40	0.65	585.00
590.	4.03	2.79	-1.80	0.58	-1.60	0.61	590.00
595.	5.52	2.95	-1.06	-1.38	-1.47	0.50	595.00
600.	3.29	5.48	-1.77	-1.54	0.27	0.45	600.00
605.	4.51	0.53	0.59	-1.90	-0.21	0.39	605.00
610.	4.64	2.93	-0.68	-1.23	-1.73	0.38	610.00
615.	6.23	1.34	-0.35	-0.81	-2.01	0.34	615.00
620.	4.74	1.22	-0.24	-1.30	-3.43	0.30	620.00
625.	7.25	0.88	0.01	-0.80	-1.76	0.24	625.00
630.	5.09	2.30	-0.65	-1.07	-1.71	0.30	630.00
635.	4.26	2.33	-0.73	-1.83	-0.20	0.25	635.00
640.	4.68	3.27	-1.24	-1.37	-0.07	0.22	640.00
645.	4.62	3.15	-1.37	-0.89	-1.24	0.18	645.00
650.	4.87	1.34	-0.91	-0.89	-1.36	0.17	650.00
655.	5.63	0.84	0.63	-2.62	-0.71	0.15	655.00
660.	5.43	2.22	-1.27	-1.24	-2.33	0.16	660.00
665.	6.21	0.32	-0.07	-1.49	-1.95	0.16	665.00
670.	4.14	3.40	-1.22	-0.93	-1.40	0.14	670.00
675.	6.69	1.09	0.19	-1.98	-1.56	0.13	675.00
680.	7.48	-0.01	0.86	-2.07	-0.37	0.12	680.00
685.	4.70	1.04	-1.44	-0.90	-1.92	0.10	685.00
690.	6.30	1.52	-1.96	-0.08	-1.34	0.09	690.00
695.	5.15	0.60	-0.05	-0.47	-3.03	0.08	695.00
700.	6.25	1.07	-0.40	-0.05	-0.02	0.08	700.00
705.	2.76	2.43	-0.46	-1.00	-0.60	0.08	705.00
710.	6.08	0.82	-1.15	-0.95	-3.27	0.08	710.00
715.	4.72	0.88	0.41	-0.60	-0.85	0.05	715.00
720.	4.42	2.08	-0.47	-1.40	-1.04	0.06	720.00

```
TIME        42      43      44      45      46      47      48
 725.     4.64    0.68    1.26   -2.15    0.53    0.06  725.00
 730.     6.50   -0.09   -0.87   -0.88   -2.95    0.06  730.00
 735.     4.97    0.15   -0.13   -0.82   -2.33    0.05  735.00
 740.     4.38    1.89   -0.69   -0.91   -1.58    0.04  740.00
 745.     1.68    4.56   -2.34   -0.49    0.78    0.04  745.00
 750.     4.54    1.11   -0.70   -1.35   -0.36    0.04  750.00
 755.     4.84    0.60   -0.12   -1.01   -0.76    0.03  755.00
 760.     4.96    0.94   -0.58   -0.82   -1.63    0.03  760.00
 765.     5.52   -0.12    0.42   -1.63    0.08    0.03  765.00
 770.     3.31    1.94   -1.01   -0.88    0.35    0.03  770.00
 775.     3.29    1.09   -0.13   -1.14   -0.81    0.02  775.00
 780.     4.23    3.00   -1.59   -0.95   -1.85    0.02  780.00
 785.     4.11    1.21   -0.65   -0.41   -0.57    0.02  785.00
 790.     5.00    1.73   -1.05   -0.33   -2.84    0.02  790.00
 795.     5.06    0.89   -0.10   -1.00   -0.78    0.01  795.00
 800.     4.81   -0.02   -1.41    0.62   -2.63    0.01  800.00
 805.     4.93    0.28   -1.61   -1.35   -3.43    0.01  805.00
 810.     4.39    0.25    0.51   -1.33   -1.23    0.01  810.00
 815.     4.80    0.55   -0.64   -1.07   -0.13    0.01  815.00
 820.     4.78    0.50    0.26   -1.29    1.08    0.00  820.00
```

APPENDIX C

Average Peak Values

This section lists by sensor label (see table 3) the average peak values as defined in volume I. The units are those given in table 3. (Note: The heat flux units given here are erroneously given as W/cm and should be W/cm^2.)

```
PRC3-W-1-1
STEADY TIME (S) =120 - 460

   TC 1      TC 2      TC 3      TC 4      TC 5      TC 6      TC 7      TC 8      TC 9      TC10      TC11      TC12      TC13
     C         C         C         C         C         C         C         C         C         C         C         C         C
 151.515    75.732    27.536    23.178    22.599    21.691    20.864   136.522   156.439   149.734   147.700   143.818   140.854


   TC14      TC15      TC16      TC17      TC18      TC19      TC20      TC21      TC22      TC23      TC24      TC25
     C         C         C         C         C         C         C         C         C         C         C         C
 133.483   106.831    55.873    47.709    40.328    34.732    39.230    31.530    32.804    28.930    58.007    81.101


   MASS        H2        R1        H1        O2       DP1       DP2       DP3       DP4       DP5       DP6       CO2
     G       W/CM      W/CM      W/CM       O/O      N/M2      N/M2      N/M2      N/M2      N/M2      N/M2       O/O
2373.421     0.148     0.095     0.336    18.895     4.808     2.784     2.003    -0.049    -0.082    -0.477     2.366


   TC26      TC27      TC28      TC29      TC30        R2
     C         C         C         C         C       W/CM
   0.000     0.000     0.000     0.000     0.000     0.000
```

```
PRC3-W-1-1
STEADY TIME (S) =120 - 460

      TC 1      TC 2      TC 3      TC 4      TC 5      TC 6      TC 7      TC 8      TC 9      TC10      TC11      TC12      TC13
       C         C         C         C         C         C         C         C         C         C         C         C         C
   151.515    75.732    27.536    23.178    22.599    21.691    20.864   136.522   156.439   149.734   147.700   143.818   140.854


      TC14      TC15      TC16      TC17      TC18      TC19      TC20      TC21      TC22      TC23      TC24      TC25
       C         C         C         C         C         C         C         C         C         C         C         C
   133.483   106.831    55.873    47.709    40.328    34.732    39.230    31.530    32.804    28.930    58.007    81.101


      MASS        H2        R1        H1        O2       DP1       DP2       DP3       DP4       DP5       DP6       CO2
       G        W/CM      W/CM      W/CM       O/O      N/M2      N/M2      N/M2      N/M2      N/M2      N/M2       O/O
  2373.421     0.148     0.095     0.336    18.895     4.808     2.784     2.083    -0.849    -0.882    -0.477     2.366


      TC26      TC27      TC28      TC29      TC30        R2
       C         C         C         C         C        W/CM
     0.000     0.000     0.000     0.000     0.090     0.000
```

```
PRC5-W-2-1

STEADY TIME (S) =175 - 455


     TC 1      TC 2      TC 3      TC 4      TC 5      TC 6      TC 7      TC 8      TC 9      TC10      TC11      TC12      TC13
       C         C         C         C         C         C         C         C         C         C         C         C         C
  235.634   166.761    39.450    25.070    23.082    23.133    21.320   157.733   247.558   239.702   241.453   235.810   229.125


     TC14      TC15      TC16      TC17      TC18      TC19      TC20      TC21      TC22      TC23      TC24      TC25
       C         C         C         C         C         C         C         C         C         C         C         C
  219.152   197.840   148.446    88.356    63.396    50.082    47.349    39.853    42.783    36.044   100.501   124.098


     MASS        H2        R1        H1        O2       DP1       DP2       DP3       DP4       DP5       DP6       CO2
       G       W/CM      W/CM      W/CM       O/O      N/M2      N/M2      N/M2      N/M2      N/M2      N/M2       O/O
 4690.941     0.248     0.508     0.774    18.224     7.029     5.425     3.447    -0.461    -0.225    -0.513     3.797


     TC26      TC27      TC28      TC29      TC30        R2
       C         C         C         C         C       W/CM
    0.000     0.000     0.000     0.000     0.000     0.000
```

```
PRC2-W-3-1
STEADY TIME (S) =130 - 375

     TC 1      TC 2      TC 3      TC 4      TC 5      TC 6      TC 7      TC 8      TC 9      TC10      TC11      TC12      TC13
      C         C         C         C         C         C         C         C         C         C         C         C         C
  311.091   272.674    73.526    27.467    23.231    22.821    22.556   210.523   335.458   321.607   326.630   322.237   317.260


     TC14      TC15      TC16      TC17      TC18      TC19      TC20      TC21      TC22      TC23      TC24      TC25
      C         C         C         C         C         C         C         C         C         C         C         C
  313.437   283.672   235.991   183.196   104.209    79.073    82.556    58.809    61.491    42.278   118.621   192.449


     MASS        H2        R1        H1        O2       DP1       DP2       DP3       DP4       DP5       DP6       CO2
      G        W/CM      W/CM      W/CM       O/O      N/M2      N/M2      N/M2      N/M2      N/M2      N/M2       O/O
 7084.477     0.543     0.175     1.214    16.657     7.003     7.125     4.465    -0.811    -0.371    -0.141     5.097


     TC26      TC27      TC28      TC29      TC30        H2
      C         C         C         C         C        W/CM
    0.000     0.000     0.000     0.000     0.000     0.000
```

```
PRC7-W-4-1

STEADY TIME (S) = 85 - 320


    TC 1      TC 2      TC 3      TC 4      TC 5      TC 6      TC 7      TC 8      TC 9      TC10      TC11      TC12      TC13
     C         C         C         C         C         C         C         C         C         C         C         C         C
  377.377   308.316    73.439    31.508    25.219    29.441    20.007   318.695   420.593   417.170   411.420   405.526   399.190


    TC14      TC15      TC16      TC17      TC18      TC19      TC20      TC21      TC22      TC23      TC24      TC25
     C         C         C         C         C         C         C         C         C         C         C         C
  388.190   359.467   308.565   216.409   135.643    88.080    90.185    70.183    72.308    58.309   192.496   293.343


    MASS       H2        R1        H1        O2       DP1       DP2       DP3       DP4       DP5       DP6       CO2
     G        W/CM      W/CM      W/CM      O/O      N/M2      N/M2      N/M2      N/M2      N/M2      N/M2      O/O
 9375.727     1.012     0.974     2.537    15.612    10.584     7.968     5.021    -0.704    -0.192    -0.062     6.936


    TC26      TC27      TC28      TC29      TC30       R2
     C         C         C         C         C        W/CM
    0.000     0.000     0.000     0.000     0.000     0.009
```

```
PRC1-P-1-1
STEADY TIME (S) = 70 - 290

      TC 1      TC 2      TC 3      TC 4      TC 5      TC 6      TC 7      TC 8      TC 9      TC10      TC11      TC12      TC13
         C         C         C         C         C         C         C         C         C         C         C         C         C
   191.807   135.416    54.897    25.697    22.704    22.478    22.169   122.311   217.071   210.368   208.516   205.921   200.762


      TC14      TC15      TC16      TC17      TC18      TC19      TC20      TC21      TC22      TC23      TC24      TC25
         C         C         C         C         C         C         C         C         C         C         C         C
   197.400   188.259   153.483   101.052    71.900    55.755    56.950    44.051    44.212    36.094   101.627   118.640


      MASS        H2        R1        H1        O2       DP1       DP2       DP3       DP4       DP5       DP6       CO2
         G      W/CM      W/CM      W/CM       O/O      N/M2      N/M2      N/M2      N/M2      N/M2      N/M2       O/O
  2162.462     0.381     0.064     0.655    18.558     6.220     5.217     3.669    -0.761    -0.224    -0.723     2.516


      TC26      TC27      TC28      TC29      TC30        R2
         C         C         C         C         C      W/CM
     0.000     0.000     0.000     0.000     0.000     0.000
```

```
PRC4-P-2-1
STEADY TIME (S) = 65 - 215

     TC 1      TC 2      TC 3      TC 4      TC 5      TC 6      TC 7      TC 8      TC 9      TC10      TC11      TC12      TC13
        C         C         C         C         C         C         C         C         C         C         C         C         C
  318.915   277.150   104.198    32.003    27.246    25.047    23.202   286.417   375.977   364.305   357.611   351.329   341.357


     TC14      TC15      TC16      TC17      TC18      TC19      TC20      TC21      TC22      TC23      TC24      TC25
        C         C         C         C         C         C         C         C         C         C         C         C
  332.988   320.362   292.708   230.345   148.909   104.784   108.404    71.453    70.940    55.305   176.597   240.426


     MASS        H2        R1        H1        O2       DP1       DP2       DP3       DP4       DP5       DP6       CO2
        G      W/CM      W/CM      W/CM       O/O      N/M2      N/M2      N/M2      N/M2      N/M2      N/M2       O/O
 4244.707     1.037     0.203     2.059    15.084     9.644     7.640     4.916    -0.079    -1.155     0.918     5.855


     TC26      TC27      TC28      TC29      TC30        R2
        C         C         C         C         C      W/CM
    0.000     0.000     0.000     0.000     0.000     0.000
```

```
PRC6-P-3-1
STEADY TIME (S) = 50 - 185

      TC 1      TC 2      TC 3      TC 4      TC 5      TC 6      TC 7      TC 8      TC 9      TC10      TC11      TC12      TC13
        C         C         C         C         C         C         C         C         C         C         C         C         C
   463.163   470.550   214.361    46.960    35.091    20.597    25.611   606.695   709.700   682.905   652.029   634.083   608.280

      TC14      TC15      TC16      TC17      TC18      TC19      TC20      TC21      TC22      TC23      TC24      TC25
        C         C         C         C         C         C         C         C         C         C         C         C
   576.488   529.416   474.057   362.966   248.014   191.332   165.524   120.961   119.853    85.460   264.135   543.406

      MASS        H2        R1        H1        O2       DP1       DP2       DP3       DP4       DP5       DP6       CO2
        G       W/CM      W/CM      W/CM       0/0      N/M2      N/M2      N/M2      N/M2      N/M2      N/M2       0/0
  6451.730     2.389     0.891     7.776    10.679    10.783     9.707     6.197    -0.214    -0.320    -1.474    11.762

      TC26      TC27      TC28      TC29      TC30        R2
        C         C         C         C         C       W/CM
     0.000     0.000     0.000     0.000     0.000     0.090
```

```
PRC8-P-4-1

STEADY TIME (S) = 60 - 230


    TC 1      TC 2      TC 3      TC 4      TC 5      TC 6      TC 7      TC 8      TC 9      TC10      TC11      TC12      TC13
     C         C         C         C         C         C         C         C         C         C         C         C         C
 561.626   495.774   201.214    50.095    42.206    36.814    23.446   754.182   825.074   799.607   756.600   711.393   662.766


    TC14      TC15      TC16      TC17      TC18      TC19      TC20      TC21      TC22      TC23      TC24      TC25
     C         C         C         C         C         C         C         C         C         C         C         C
 611.130   560.038   489.389   397.579   283.631   202.316   218.176   150.051   144.985   117.710   286.429   716.310


    MASS       H2        R1        H1        O2       DP1       DP2       DP3       DP4       DP5       DP6       CO2
     G        W/CM      W/CM      W/CM      O/O      N/M2      N/M2      N/M2      N/M2      N/M2      N/M2      O/O
8510.922     2.861     0.921    10.433     9.566    11.667     9.337     5.731    -0.172    -0.791    -0.722    11.377


    TC26      TC27      TC28      TC29      TC30       R2
     C         C         C         C         C        W/CM
   0.000     0.000     0.000     0.000     0.000     0.000
```

```
PRC9-W-2-1/2

STEADY TIME (S) = 95 - 385


     TC 1      TC 2      TC 3      TC 4      TC 5      TC 6      TC 7      TC 8      TC 9      TC10      TC11      TC12      TC13
       C         C         C         C         C         C         C         C         C         C         C         C         C
  275.131   231.065    60.534    25.491    27.361    22.738    22.596   145.207   294.834   286.077   282.703   284.509   273.920



     TC14      TC15      TC16      TC17      TC18      TC19      TC20      TC21      TC22      TC23      TC24      TC25
       C         C         C         C         C         C         C         C         C         C         C         C
  271.062   258.493   238.062   127.692    80.102    82.347    65.372    44.510    30.085    23.322   102.041   130.008



     MASS        H2        R1        H1        O2       DP1       DP2       DP3       DP4       DP5       DP6       CO2
        G      W/CM      W/CM'     W/CM       O/O      N/M2      N/M2      N/M2      N/M2      N/M2      N/M2       O/O
 4833.379     0.420     0.607     0.813    16.684     7.855     4.683     2.415    -0.455    -1.131    -0.198     3.212



     TC26      TC27      TC28      TC29      TC30        R2
        C         C         C         C         C      W/CM
   37.979    36.849    32.855    58.333    59.146     0.000
```

```
PRC11-W-3-1/2

STEADY TIME (S) =105 - 370


    TC 1     TC 2     TC 3     TC 4     TC 5     TC 6     TC 7     TC 8     TC 9     TC10     TC11     TC12     TC13
      C        C        C        C        C        C        C        C        C        C        C        C        C
 344.354  313.224  119.331   26.215   26.514   22.430   22.231  231.302  350.226  357.498  354.303  359.902  349.228



    TC14     TC15     TC16     TC17     TC18     TC19     TC20     TC21     TC22     TC23     TC24     TC25
      C        C        C        C        C        C        C        C        C        C        C        C
 347.262  331.163  299.817  240.438  137.796  120.922   94.792   61.932   51.049   50.781  132.045  199.871



    MASS       H2       R1       H1       O2      DP1      DP2      DP3      DP4      DP5      DP6      CO2
      G      W/CM     W/CM     W/CM      O/O     N/M2     N/M2     N/M2     N/M2     N/M2     N/M2      O/O
6942.133    0.579    0.705    1.300   15.304   10.693    6.152    1.414    0.665   -1.250   -0.322    5.989



    TC26     TC27     TC28     TC29     TC30       R2
      C        C        C        C        C      W/CM
  46.273   45.870   30.973   75.880   79.870    0.000
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PRC15-W-4-1/2

STEADY TIME (S) = 70 - 310


    TC 1      TC 2      TC 3      TC 4      TC 5      TC 6      TC 7      TC 8      TC 9      TC10      TC11      TC12      TC13
     C         C         C         C         C         C         C         C         C         C         C         C         C
  399.404   381.605   201.099    35.706    24.654    23.750    23.430   314.208   425.890   420.971   424.309   418.107   417.853



    TC14      TC15      TC16      TC17      TC18      TC19      TC20      TC21      TC22      TC23      TC24      TC25
     C         C         C         C         C         C         C         C         C         C         C         C
  413.678   400.294   369.268   327.464   242.022   154.030   145.030    82.451    67.470    64.843   170.677   315.514



    MASS       H2        R1        H1        O2       DP1       DP2       DP3       DP4       DP5       DP6       CO2
     G        W/CM      W/CM      W/CM      O/O      N/M2      N/M2      N/M2      N/M2      N/M2      N/M2      O/O
 9918.875     1.010     0.305     2.246    13.672    11.370     6.809     2.717     0.471    -1.677    -0.661     6.857



    TC26      TC27      TC28      TC29      TC30       R2
     C         C         C         C         C        W/CM
   56.131    58.161    46.030   110,139   135.762     1.057
```

```
PRC10-P-2-1/2

STEADY TIME (S) = 60 - 255


    TC 1     TC 2     TC 3     TC 4     TC 5     TC 6     TC 7     TC 8     TC 9     TC10     TC11     TC12     TC13
     C        C        C        C        C        C        C        C        C        C        C        C        C
 326.895  304.924  153.210   20.924   29.933   22.916   23.187  244.845  396.631  383.259  376.517  372.192  362.350


    TC14     TC15     TC16     TC17     TC18     TC19     TC20     TC21     TC22     TC23     TC24     TC25
     C        C        C        C        C        C        C        C        C        C        C        C
 357.428  340.893  317.952  291.933  228.169  176.589  119.417   73.043   58.113   26.081  189.776  253.470


    MASS      H2       R1       H1       O2      DP1      DP2      DP3      DP4      DP5      DP6      CO2
     G       W/CM     W/CM     W/CM     0/0     N/M2     N/M2     N/M2     N/M2     N/M2     N/M2     0/0
4295,574    0.995    0.469    1.904   14.188   10.060    5.204    3.404   -0.511   -0.917   -0.364    5.309


    TC26     TC27     TC28     TC29     TC30      R2
     C        C        C        C        C       W/CM
  56.809   55.029   45.655  139.153  136.295    0.030
```

```
PRC10-P-3-1/2
STEADY TIME (S) = 70 - 260

      TC 1      TC 2      TC 3      TC 4      TC 5      TC 6      TC 7      TC 8      TC 9      TC10      TC11      TC12      TC13
         C         C         C         C         C         C         C         C         C         C         C         C         C
   522.808   472.725   379.812    89.255    27.164    25.852    24.134   643.540   696.441   678.327   664.852   643.587   611.630


      TC14      TC15      TC16      TC17      TC18      TC19      TC20      TC21      TC22      TC23      TC24      TC25
         C         C         C         C         C         C         C         C         C         C         C         C
   591.286   547.698   501.449   471.127   412.419   296.100   241.901   142.103   132.447   122.485   272.739   639.105


      MASS        H2        R1        H1        O2       DP1       DP2       DP3       DP4       DP5       DP6       CO2
         G      W/CM      W/CM      W/CM       0/0      N/M2      N/M2      N/M2      N/M2      N/M2      N/M2       0/0
  6673.961     2.391     0.451     6.645     7.812    11.885     8.131     3.310    -0.039    -1.197    -1.979    10.375


      TC26      TC27      TC28      TC29      TC30        R2
         C         C         C         C         C      W/CM
   101.604   115.014    79.673   253.475   275.158     2.891
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```
PRC13-W-2-1/4
STEADY TIME (S) -130 - 425

   TC 1     TC 2     TC 3     TC 4     TC 5     TC 6     TC 7     TC 8     TC 9     TC10     TC11     TC12     TC13
    C        C        C        C        C        C        C        C        C        C        C        C        C
 301.691  284.335  131.223   23.984   23.110   22.141   22.025  184.895  327.157  312.695  316.467  310.130  307.706


   TC14     TC15     TC16     TC17     TC18     TC19     TC20     TC21     TC22     TC23     TC24     TC25
    C        C        C        C        C        C        C        C        C        C        C        C
 303.362  288.263  266.940  236.821  160.171   96.932   92.359   61.269   50.569   49.577  117.505  173.989


   MASS      H2       R1       H1       O2      DP1      DP2      DP3      DP4      DP5      DP6      CO2
    G       W/CM     W/CM     W/CM     O/O     N/M2     N/M2     N/M2     N/M2     N/M2     N/M2     O/O
4092.992   0.431    0.135    0.903   14.840    9.262    5.681    2.036    0.446   -1.305   -1.197    5.355


   TC26     TC27     TC28     TC29     TC30      R2
    C        C        C        C        C       W/CM
  44.644   44.388   38.264   73.518   79.588    0.219
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PRC17-W-4-1/4

STEADY TIME (S) = 85 - 365


    TC 1     TC 2     TC 3     TC 4     TC 5     TC 6     TC 7     TC 8     TC 9     TC10     TC11     TC12     TC13
     C        C        C        C        C        C        C        C        C        C        C        C        C
  429.391  422.688  376.446   51.451   23.765   23.212   22.671  414.700  504.963  480.580  479.101  402.598  473.420


    TC14     TC15     TC16     TC17     TC18     TC19     TC20     TC21     TC22     TC23     TC24     TC25
     C        C        C        C        C        C        C        C        C        C        C        C
  470.394  458.353  441.196  421.094  396.208  296.398  186.477  118.402   98.133   94.473  229.441  376.193


    MASS      H2       R1       H1       O2      DP1      DP2      DP3      DP4      DP5      DP6      CO2
     G       W/CM     W/CM     W/CM     0/0     N/M2     N/M2     N/M2     N/M2     N/M2     N/M2     0/0
 9675.176    1.453    0.311    3.118    0.011   12.328    0.096    3.359    0.331   -1.458   -2.480   12.543


    TC26     TC27     TC28     TC29     TC30      R2
     C        C        C        C        C       W/CM
   85.779   80.062   70.891  296.075  293.632    1.619
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PRC19-W-4-1/4

STEADY TIME (S) = 05 - 345


     TC 1      TC 2      TC 3      TC 4      TC 5      TC 6      TC 7      TC 8      TC 9      TC10      TC11      TC12      TC13
        C         C         C         C         C         C         C         C         C         C         C         C         C
  435.007   403.837   372.961    58.184    23.570    23.438    23.375   386.084   500.504   460.692   465.097   460.067   458.093



     TC14      TC15      TC16      TC17      TC18      TC19      TC20      TC21      TC22      TC23      TC24      TC25
        C         C         C         C         C         C         C         C         C         C         C         C
  451.491   443.210   429.586   417.079   400.009   319.637   303.080   111.425    93.759   101.167   230.673   352.264



     MASS        H2        R1        H1        O2       DP1       DP2       DP3       DP4       DP5       DP6       CO2
        G      W/CM      W/CM      W/CM       0/0      N/M2      N/M2      N/M2      N/M2      N/M2      N/M2       0/0
 9703.562     1.395     1.015     1.951     9.674    12.010     9.247     3.995     0.194    -1.027    -1.678    10.085



     TC26      TC27      TC28      TC29      TC30        R2
        C         C         C         C         C      W/CM
   86.603    89.318    68.067   314.026   312.840     1.371
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PRC12-P-1-1/4

STEADY TIME (S) = 85 - 350

     TC 1      TC 2      TC 3      TC 4      TC 5      TC 6      TC 7      TC 8      TC 9      TC10      TC11      TC12      TC13
      C         C         C         C         C         C         C         C         C         C         C         C         C
  211.816   202.974   132.262    24.345    22.793    22.334    22.150   150.567   242.113   236.022   235.461   236.095   230.301


     TC14      TC15      TC16      TC17      TC18      TC19      TC20      TC21      TC22      TC23      TC24      TC25
      C         C         C         C         C         C         C         C         C         C         C         C
  230.435   225.263   214.595   201.846   165.211   113.368    87.075    64.965    50.742    47.404   107.620   128.462


     MASS       H2        R1        H1        O2       DP1       DP2       DP3       DP4       DP5       DP6       CO2
      G        W/CM      W/CM      W/CM      O/O      N/M2      N/M2      N/M2      N/M2      N/M2      N/M2      O/O
 2138.463    0.393     0.033     0.712    16.418     7.063     5.131     2.181    -0.306    -1.252    -1.341     2.671


     TC26      TC27      TC28      TC29      TC30       R2
      C         C         C         C         C        W/CM
   44.167    44.953    37.735    89.931    94.646     0.000
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PRC14-P-2-1/4

STEADY TIME (S) = 55 - 265


    TC 1      TC 2      TC 3      TC 4      TC 5      TC 6      TC 7      TC 8      TC 9      TC10      TC11      TC12      TC13
      C         C         C         C         C         C         C         C         C         C         C         C         C
  339.609   314.189   236.482    44.381    24.057    22.438    22.500   324.406   417.827   399.479   391.122   383.102   372.495



    TC14      TC15      TC16      TC17      TC18      TC19      TC20      TC21      TC22      TC23      TC24      TC25
      C         C         C         C         C         C         C         C         C         C         C         C
  368.785   356.105   343.659   331.625   316.437   251.894   187.330   126.194    99.112    79.307   190.762   292.339



    MASS        H2        R1        H1        O2       DP1       DP2       DP3       DP4       DP5       DP6       CO2
      G       W/CM      W/CM      W/CM       O/O      N/M2      N/M2      N/M2      N/M2      N/M2      N/M2       O/O
 4338.371     0.981     0.240     2.111    11.765    10.130     6.907     3.582     0.148    -1.447    -2.260     7.046



    TC26      TC27      TC28      TC29      TC30        R2
      C         C         C         C         C       W/CM
   75.642    76.959    61.093   243.258   253.663     0.123
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PRC16-P-3-1/4

STEADY TIME (S) = 85 - 300


    TC 1      TC 2      TC 3      TC 4      TC 5      TC 6      TC 7      TC 8      TC 9      TC10      TC11      TC12      TC13
     C         C         C         C         C         C         C         C         C         C         C         C         C
  455.230   449.079   380.565   172.368    25.696    24.716    23.964   575.463   648.111   630.228   616.636   595.332   568.663



    TC14      TC15      TC16      TC17      TC18      TC19      TC20      TC21      TC22      TC23      TC24      TC25
     C         C         C         C         C         C         C         C         C         C         C         C
  546.009   510.963   476.098   446.658   418.153   362.959   287.653   200.635   165.995   141.895   275.654   563.775



    MASS        H2        R1        H1        O2       DP1       DP2       DP3       DP4       DP5       DP6       CO2
     G        W/CM      W/CM      W/CM      O/O      N/M2      N/M2      N/M2      N/M2      N/M2      N/M2      O/O
 6812.359     1.765     0.234     5.697     9.504     7.020     9.351     4.318    -0.944    -0.486    -5.260     9.689



    TC26      TC27      TC28      TC29      TC30        R2
     C         C         C         C         C        W/CM
  119.700   141.552    96.089   367.679   364.685     2.192
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PRC20-P-3-1/4

STEADY TIME (S) = 60 - 260


      TC 1      TC 2      TC 3      TC 4      TC 5      TC 6      TC 7      TC 8      TC 9      TC10      TC11      TC12      TC13
         C         C         C         C         C         C         C         C         C         C         C         C         C
   468.240   442.084   389.550   146.530    24.294    24.012    23.826   600.226   663.085   640.876   623.434   602.354   567.786


      TC14      TC15      TC16      TC17      TC18      TC19      TC20      TC21      TC22      TC23      TC24      TC25
         C         C         C         C         C         C         C         C         C         C         C         C
   554.743   520.487   483.711   451.657   417.158   371.910   805.379   187.632   147.218   131.276   271.273   554.200


      MASS        H2        R1        H1        O2       DP1       DP2       DP3       DP4       DP5       DP6       CO2
         G      W/CM      W/CM      W/CM       O/O      N/M2      N/M2      N/M2      N/M2      N/M2      N/M2       O/O
  6441.313     1.789     0.619     5.939     8.432    11.573     9.380     3.604    -0.017    -1.631    -2.450    10.377


      TC26      TC27      TC28      TC29      TC30        R2
         C         C         C         C         C      W/CM
   124.061   118.058    64.502   373.785   366.737    -0.655
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10. SUPPLEMENTARY NOTES

☐ Document describes a computer program; SF-185, FIPS Software Summary, is attached.

11. ABSTRACT *(A 200-word or less factual summary of most significant information. If document includes a significant bibliography or literature survey, mention it here)*

(Abstract and key words are given in Volume I)

This is a summary and compilation of the room fire data referenced in Volume I of this report.

12. KEY WORDS *(Six to twelve entries; alphabetical order; capitalize only proper names; and separate key words by semicolon*

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